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DATA PROCESSING BRANCH USAFETAC Air Weather Service (MAC)

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FOR THE COMMANDER

WAYNE B. MCCOLLON

Chief, Document Research Section

Wayne E. M Collom

USAFETAC/LOX

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All other editions are obsolete.

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18. Subject terms cont.

preceipitation winds

temperature

Visibility

barometric pressure

relative humidity

sky cover

psychrometric data

ceiling

Revised Uniform Summary of Surface Weather Observations

RUSSWO

RAMSTEW AB WEST GERMAY

DL 106140

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or : Fecord-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Unity observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, sweary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations remorded by stations operated by the U. S. Services and some furnishment of presentations unline similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART & PRECIPITATION

SHOWFALL

SNOW DEPTH .

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & SID DEV .

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE CONA CONTRACTE

STANDARD 3-HOUR GROUPS

All sussentics requiring district variations are susmarized in eight 3-hour periods corresponding to the following sets of hourly observations: COCH-CFOO, OFCH-CFOO, OFCH-CFOO,

MISSING HOUR GROUPS

Summary sheets are unitted when stations maintaining limited observing schedules did not report certain three-bour periods for any particular month shuring the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

ANUARY	ACRIL	JULY	OCTOURA
FKDHUAHY	MY	AUGUST	NOVEMBER
WICK	JUNR	UEPTEMBER	DECEMBE

4

1061		RAMSTEIN AB GERMANY		LATIT:		E 007 36	782 Ft	CALL SIGN EDAR	106	
1001		STATION LOCAT	ION A	ND II	NSTRU	MENT	ATION H	ISTOR	Y	
OF OCATION		GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS I	OCATION TO	LATITUDE	LONGITUDE	ELEVATION STATION (FT)	ABOVE MSL TYPE BAKOMETER	OBS PER DAT
1	Kamsteir	n AB Germany	AB	MAR 52	MAR 63	N 49 25	E 007 35	789 ft	808 ft	24
2	Same		Same	APR 63	MAY 68	Same	Same	Same	826 ft	24
3	Same		Same	JUI: 68	MAR 69	Same	Same	Same	777 ft	24
4	Same		same	nPk 69	DEC 70	N 49 26	Same	.3ame	Same	24
5	Same		Same	JAN 71	FEB 78	Same	Same	780 ft	Same	24
6	Same		same	F e b 7 8	Dec 84	s ame	E 00 7 36	782 ft	same	24
	NOTE: W	VEATHER MODIFICATION CONDUC	CTED (WIN	TER 68-69) (REF AN	STR-74-247	')			
UMBER	DATE	SURFACE W	IND EQUIPMENT	INFORMATION		-			x= v	
DCATION	CHANGE	LOCATION		TYPE OF TRANSMITTE	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS. ADDITIO	NAL EQUIPMENT.	OR REASON FOR	CHANGE
I	MAR 52	Located 400 ft :: of midpothe rnwy.	oint of	AN GMQ	1 ::/A	20 ft				
2	JUL 61	Located 500 ft N of GCA point of rnwy 27.	touchdown	AN/GMC	11 RO-2	13 ft				
3	APR 64	Located 500 ft N of GCA point on both rnwy 09 and	touchdown	Same	.Sam e	Same				
4	JUN 68	Located 500 ft from center 1407 ft from touchdown rnwy 27 & 1300 ft from to	er of rnw point of		Same	13½ ft				
5	APR 69	point of rnwy 09. 1. Located 500 ft from count of the following states and 1500 ft from end of the following states are states.	enterline	AN/GMQ	11 RO-2	13 ft				

NUMBER	DATE	SURFACE WIND EQUIPMENT INF				
OF LOCATION	OF CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT. OR REASON FOR CHANGE
	7	2. Located 500 ft from centerline and 1450 ft from end of rnwy 09.	Same		Same	
6	Jan 71	1. Same 2. Located 500 ft from centerline	Same Same	Iso - 362	same same	
7	Jan 84	and 1400 ft from end of rnwy 09.	AN/GMQ-2	D 3 ame	≓ame	
		2. Located 440 ft from centerline and 1400 ft from end of knwy 09.	AN/GMQ-2	0 same	Same	
					ļ	

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U 8 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".O" in these tables indicates less than .O5 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Cocurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are bloving dust, bloving sand, and dust.

Continued on Reverse

A - 1

Bloving spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

A - 2

74.59969

WEATHER CONDITIONS

STATION	STATION NAME	7 + - 3 ? YEARS	MONTH
SIATION	STATION TANKE	TEARS	141011111

PERSONATAGE FREQUENCY OF DOCUMENCE OF ADATHER CAUTIONS FROM HOSELS ENGLATIONS

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монтн	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SHOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
Jan	<u> ۱۲-۵۱</u>		1/.1		1.5		25.5	32.7	ـ.دف		the contract of the contract of the	4	S.E
	פר-זנ		19.9	1.0	ر . 7		27.3	35.0	4.1) ?
	35-25		20.5	1.2	7		2 = . 4	33.5	5.2		- 540-44	2:•7.	212
	J9-11		19.9	1.1	9.4		7 - 1	34.5	7.4			41.2	93
	12-14		17.9	1 • 3	7.4		29. j	24.5	12.7				25.
	1 - 1 7		17.5	1.5	3.7		27.1	17.1	17.			<u>. 3++1</u> ,	.337
	14-57	• 1	17.1	1.1	5 3		25.7	22.5	15.1			J. e.i.,	937
	2 1- 23		15.2	• 3	.		25.7	23.4	11.1				337
							•						-
								4					
			-										
TOTALS			19.3	1.1	3.+		27.5	23.5	13.3			74.0	7432

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SE RAE DEMATOLOGY PRANCH STAFFERS ATT WEATHER SERVICE MAG

WEATHER CONDITIONS

135143	RAMSTEIN AS SERMANY	7 4 - 5 3	गृह ३
STATION	STATION NAME	YEARS	MONTH

PEPDENTAGE FREQUENCY OF DOCURRENCE OF WEATHER CONDITIONS FROM HOURLY DBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	S OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FLB	ַן - רַ		14.5	.1	٥ • ٤		13.1	32.2	13.1			45.3.	745
	27-7		13.5	• 2	7 . 2		7 3 . 3	25.3	11.5			45.	945
	35-70		12.3	.7	3 . 3		21.7	3+.4	11.7		Management of the Management o	45.	345
	J9-11		15.1	. 5	15.+		25.4	3+.3	15.7	American Control Control Control Control	e a comment comment	4.	345
	12-14	• 1	15.5		12.1		27.2	19.7	73.+	Mary Mary Material State State (Mary Mary Mary Mary Mary Mary Mary Mary		47.2	345
	15-17	• 1	14.2	• 2	7.1	The state of the s	22.5	11.2	24.3	•	enema ver receible .	75.7	045
	13-70		13.1		5 . 3		17.1	12.3	24.1				345
	21-23		13.5	. 7	5 • 2		19.1	21.5	17.5	• 2	produce souther Management of State (1) and (1)	77.6	9.45
					- 1		<u> </u>			-			
												•	
TOTALS			14.3	. 4	3.1		21.5	25.2	17.5	• 31		42.5	5753

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SLORAL CLIMATOLOGY PRANCH SLORATERAC AIR NEATHER SERVICEMMAD

WEATHER CONDITIONS

STATION	RAMSTEIN AS SERMANN	74-33 YEARS	MONTH
STATION	STATION NAME	TEARS	MONTH

PEPCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS OF JUSTICAL CARTER

монтн	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND: OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
4 ₹5	37-32		23.2		1.7		21.1	21.2	د ه څ			29.5	930
	53-75		50.3		1.5	• 1	22.3	25.9	5.3			72.7	937
	35-36		23.5		2.3		22.2	31.0	3 .1			. 25 . 2,	232
	J?-11		23.3		3 • ŝ		72.3	23.0	15,7			. 44.7.	930
	12-14	• 1	17.5		3.1	. 4	25.5	12.2	20.5			72.5.	930
	15-17	• 1	13.5		2.7	• 2	20.3	3 . 2	17.3			27.5.	933
	12-23	• 2	18.9		1.3	• 1	2].2	2.5	15.5			13.2.	237
	21-23	• 2	17.3		1.4		13.5	12.5	<u>13.</u> 3			25.4	937
TOTALS		- 1	19.2		2 • 2	. 1	?1.3	17.3	13.2			33.5	7442

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WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF DUCURRENCE OF WEATHER DISCREPANCE PROFILENCE PROFILENCE

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	NOF OBST WITH OBST TO VISION	TOTAL NO OF OBS
455	<u>33-38</u>		13.0		1.1		13.5	1+.2	7.5			. 21.2.	222
]?-N5	• 1	13.3		1.4		14.4	22.3	5.3			27.3	900
	05-03		13.7		2 • 2		15.2	32.5	3.5			47.5.	953
) = -11	•1	15.3		2 • 5		15.5	20.9	15.5			37.7	953
	12-14	• 1	1 + . 3		1.7	• 1	15.7	5.3	10.6	-		15.2	9_0
	15-17	• 5	15.3		1.2		15.3	3.4	5.1			5	٥٦٦
	1 = -23	• 3	13.2		• 5		13.7	3.1	4.5			7.7	957
	21-23	• 1	12.9		• 3		13.5	5.4	6.7			13.3	90 3
TOTALS		• 2	14.0		1.5	• ၁	15.0	13.5	3.1			21.7	7199

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Statement of the

DI. TAC CLIMATOLICAY RRANCH UNAFETAC SIR WEATHER SERVICE MAC

WEATHER CONDITIONS

STATION	STATION NAME	7+-35 YEARS	HINOM

PERCENTAGE FREQUENCY OF DOOUPRENCE OF WEATHER CONDITIONS FROM HOURS

- MARIE (MARIE)

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZL [©]	SNOW AND, OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
444	٠٠-٢٠ ر		فرو فر لا		1		13.3	15.5	~			11	
	37-33	• 3	12.7				12.9	27.5	4 . 3			72.4	937
	35-3a	• 1	1+.7				14.7	37.5	9.2			45.2.	937
	J9 -11	. 1	15.3				15.3	12.3	12.4			. 24.5	933
	12-14	3	17.1				17.1	1.5	4.7.			<u>. 5.2</u>	933
	15-17	• • 5	15.3				15.3	. 3	3.7			<u> </u>	930
	13-20	1.5	13.2		• 1		13.2	• 3	3.5			4.3,	933
	21-23	. 9	15.1				15.1	3.7	3.5			7	935
TOTALS		• 5	14.9		• 3		14.9	12.3	5.7			19.3	7443

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REDPAL CLIMATOLOGY RRANDH DEAFTAD ATR NEATHER SERVICE/MAG

WEATHER CONDITIONS

L 51+7	RAMSTEIN AB BERMANY STATION NAME	74-33 YEARS	мойт н

PERCENTAGE FREQUENCY OF DOCURRENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

нтиом	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & , OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	NOF OBS WITH OBST TO VISION	TOTAL NO OF OBS
Ar.f	37-32	2.2	11.5				110:	15.5	5.5				7.2
	37-15	:	÷ . 7				7.7	37.3	5.1			75.4	733
	35-35	. 7	3 • 7				3.7	37.7	9.4			47.1	959
	39-11	. 4	9.3				7.3	13.9	13.2			. 27.1.	932
	17-14	. 7	11.1				11.1	1.3	7.5			- ç	900
	15-17	3.5	11.3				11.3	1.1	3.5			4.7	955
	19-20	3.4	12.1				12.1	1.3	3.5			5 • 3	933
	21-?3	3 • 7	12.3			•1	12.1	5.9	4 • 2			11.1	ంపై
TOTALS													
IO IALS		2.1	13.3			• 3	13.3	13.7	5.7			23.3	7731

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WEATHER CONDITIONS

T > 1 + 7	RAMSTEIN	43 JIRMANY
STATION		STATION NAME

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YEARS

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PEPOENTAGE FREQUENCY OF DOCURRENCE OF WEATHER SHUTTAVESSEC VISICH NORT PROLITICALS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	NOF OBS WITH OBST TO VISION	TOTAL NO OF OBS
_ لوار	33-3.	l.á.	7.1	!			5.7	14.3	4			. 13. 5.	933
	j?- 05	1.1	7.3				9.5	33.3	4.1			. 34.:.	932
	35-35	1.2	j.9				9.3	43.4	7.7			. 43.4.	933
	39-11	• 5	11.9		-		11.7	13.5	12.5			22.5.	932
	12-14	. 9	12.3				12.3	1.4	5.5			. 3	230
	15-17	1.3	13.5				13.5	1.1	3.9			4.5	930
-	13-20	2.5	7.5				9.5	1,4	2.4			3.E.	932
	21-23	1 . 9	9.1				7.1	+•5	4.2			3 • 7	930
TOTALS													
TOTAL		1.4	13.2				13.2	13.4	5 . 5			19.2	7447

USAFETAC $\frac{\text{FORM}}{\text{JULY 64}}$ 0-10-5(QL, A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SESPAL DEIMATOLOGY FRANCH UNAFETAD ARR WEATHER SERVICE/MAC

WEATHER CONDITIONS

135143	RAMSTEIN AS GERMANY	74-53	4 5
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF DECURRENCE OF WEATHER CHOITLENGS FROM NUMBER 035544410NG

монтн	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	NOF OBS WITH OBST TO VISION	TOTAL NO OF OBS
117	22-52	1.3,	_ ; •)				20-	24.7	4.5			. 23.2.	232
	33-76	• 5	9.3				9.5	42.5	3.7			45.	737
	35-38	•1	7 • 3				7 . 3	54.3	5.1			59.	737
	39-11	• 1	3.5				5.5	24.3	15.5			41.4	337
	12-14	. 1	ŷ. 4				9.4	4.5	13.4			15.1	937
	1 < -17	• 5	7 • 3				7.8	2.5	5.1			3.5	930
	13-23	1.+	9.3				9.J	2.0	5.4			7.4	233
	21-23	1.2	7 • 7				7.7	5.7	5.5			15.2	937
TOTALS		• 3	5.4			•	3.4	23.5	7.3			27.8	7443

USAFETAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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WEATHER CONDITIONS

1 1+3	RAASTEIN AS STRAANY	74-33	C 7 5
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF DOCURRENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

and the same of th

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	S OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
5:0	22-32	ادها	3.4				- 204	39.5	ئەڭ			. +2	3.1
	37-35	• 2	7.5				7.3	52 .7	1.5			. 12.4,	7_]
)5-7 ₃	• 6	13.3				1000	57.3	3			. 52 a1 ,	917
	39-11	• 2	3.7				3 . 7,	39.4	15.3		THE THE SEC SEC SECTION	. 5 <u>0.2</u>	933
	12-14	. 3	3 • 5				3 . 5	3 • 3	15.2			. 23.1.	9;7
	1=-17	• 2	13.7				13.9	1.4	9.5			. 11.i.,	355
	19-23	. 4	9 • 2				9.2	3 • 〕	11.1			14.1,	933
	21-23	• 5	5.9				3.9	25.4	5 • 3			25.5	907
													-
TOTALS		. 4	9.4				9.4	27.5	7.3			35.4	7253

USAFETAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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WEATHER CONDITIONS

	RAMSTEIN AS SERMANY	74-37	107
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF COCUPRENCE OF WEATHER COUNTIENTS FROM HOUSE CONTIENTS

нтиом	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	NOF OBS WITH OBST TO VISION	TOTAL NO OF OBS
327	<u>. ٦ - ز ر</u>	• 1	13.4				1:00.	47.2	2.,)		732
	3:-25	• 2	15.0		- 1		15.	52.4	1.2			*3.5	237
	J5 - 7€		13.3		• 1		1:.1	51.3	1.:			13.1	230
	37-11	1	72.2				72.2	40.3	5 • 4			. 4.2	73-
	12-14		19.9				15.9	23.4	11.+			74.:	٩٤٦
	15-17		15.3				15.3	11.9	13.1			25.1	٦٤٦
	18-25		15.7				15.7	15.5	10.+			25.7	737
	21-23	• 1	13.4				13.4	31.2	7.1			73.7	937
TOTALS		• 1	15.7		اد ه		16.3	35.2	6.5			42.3	7447

USAFETAC PORM 0-10-5(QL A), PER-YOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLIPAL CLIMATOLOGY PRANCH STAFOTAC AIR WEATHER SERVICEMMAC

WEATHER CONDITIONS

STATION	STATION NAME	7 4 - 2 3 YEARS	HINOM

PEPCENTARE FREQUENCY OF DOCURRENCE OF WEATHER CHOITANFEEC MUSICH POST RECITIONS

Takes I have been a second

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	S OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND GR SAND	NOF OBS WITH OBST TO VISION	TOTAL NO OF OBS
YOV	<u>، د - د د</u>			. 3	1.7		: 3.1,	35.2	4.4			33.7.	353
	33-15	• 1	21.2		2.3		72.5	33.5	4.1	1	-1	42.2	7.12
)5-ja		21.3	• 1	3 . 3		72.7	33.5	٤. ز			41•	900
	39-11		23.5	• 1	3 . 3		73.1	+ 7 - 1	5.1			<u>4 5 a 2</u> .	<u> </u>
	12-14		19.1	1	4 . 5		72.4	27.9	9.9			77.5	900
	15-17	-	15.2		2 • 5		15.1	17.7	1 . 7			22.	233
	19-23		17.1	• 1	1.7		13.5	23.5	5.5			22.3.	22
	21-23		13.7	• 1	2 • 3		21.5	31.3	5.9			35.2.	937
		1											
TOTALS		• 3	19.3	• 1	2 • 5		21.3	31.5	5.7		• 3	33.2	7230

USAFETAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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LIPAL DIMATOLOGY PRANCH DISTEMAC ATRICOTATE SERVICEMAC

WEATHER CONDITIONS

1 31 + 2 =	CAMSTEIN AS SERMANY	74-35	5. •
STATION	STATION NAME	YEARS	HTMOM

PLACENTAGE FREQUENCY OF BOOURRENCE OF WINTHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DPIZZLE	SNOW AND OR SLEET	HAIL	S OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	NOF OBS WITH OBST TO VISION	TOTAL NO OF OBS
2:5	33-32		22.5	• 7	3.5	• 1	15.5.	7704	7.5	!		. 37.2.	937
	J3-35		22.0	1.0	4.3		27.5	27.B	5.5			₹5.8	931
to demonstrate the contract	J5-75		2+.5	1.0	5.3		79.5	23.1	7.5				5 5 5
	13-11		23.2	• 3	5.9		79.9	32.2	0 • 5				2 د 9
	12-14	• 1	22.5	• ŝ	3.5		3.3	27.3	11.3			73.5	٦٢٦
	15-17		24.7	• 3	5.3		71.3	20.3	10.5			73.,	535
	13-20		21.7	. 5	5.5		25.6	25.7	15.3	 		75.7	930
	21-25	• 1	23.9	• 5	3 • 7		24.2	33.1	€ • 5			34.6	733
TOTALS		• 3	23.0	. 7	5.3	• 0	28.2	25.0	5.9			75.7	7443

USAFETAC $\frac{\text{PORM}}{\text{JULY 64}}$ 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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WEATHER CONDITIONS

STATION STATION NAME 74-32 VEARS	HINGM
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PLPCONTASE FREQUENCY OF DOCURRONCE OF MENTHER CONDITIONS FROM NUCLEUR CONDITIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
<u> </u>	3		17.3	1.1	3.4		27.2	23.5	1.4.3				74.3
==3		• 3	14.5	. 4	= 1		21.5	25.2	17.5			42.	5753
442		• 1	17.2		2 • 2	• ì	21.5	17.3	13.6			12.63.	7447
425		• 2	14.3		1.5	ر.	13.0	13.5	3.1			. 21.7.	7199
424		<u>.</u> ف	14.7		• =		1+, ,	12.3	5.1			, <u>lâ</u> .,	7447
עננ		2 • 1	10.5			ر .	13.5	13.7	5.7			. 22.3.	7220
Jul		1.4	13.2				1).2	13.4	5.3			15.2	7440
ذ ل A		• 5	ŝ.+				3.4	27.5	7.3			27.5	7447
ς <u>:</u> >		. 4	9.4				7.4	27.5	7.3	1		35.4	7200
301	:	. i	15.7		د .		15.5	35+2	5.3			42.3	7447
NOV		. 3	19.3	• 1	2.3		21.3	31.5	5.7		• 0	₹8.7	7200
oze		ر .	23.3	. 7	5 • 3	• ၁	25.2	29.3	8.9			35.5	7443
TOTALS		• ò	14.9	• 2	2.+	د .	17.1	22.2	5 . 7	• 3	• 0	31.3	375,45

USAFETAC JULY 64 0-10-5 (OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drissle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
 - (3) A day with dust and/or said is included in this summary only when visibility is reduced to less than 5/8 mile.

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**WEATHER* CONDITIONS*

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VASIELY AS SERMANY STATION NAME

52-53

YEARS

MONTH

PEPCENTAGE OF DAYS WITH VARIOUS ATMOSPHERTO PHENDMENA CALLANGE MOSPHERT PHENDMENA CALLANGE MOSPHERT PHENDMENA

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	N OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
д,	241.1		52.1	,.3	35.4	. 5	73.9	55.3	59.4			3 5 . :	3-1
773		.,	43.3	1.5	33.1	1.3	54.5	50.7	75.1			-3.	o 71
414		2.1	52.3		15.4	1 • 3	11.3	59.3	75.3	1		· 3 • /	795
424		4.7	57.4		11.4	2.5	51.5	>1.1	55.5		. 1	79.1	757
141		11.4	53.5			1.5	58.7	54.9	52.4		• 3	F 3 • 5	425
J) v		15.5	53.2			. 9	58.2	54.7	25.5			ا. و و د	y ('
11_		15.5	53.1			. 7	53.1	53.5	54.7		• 2	79.6	949
4.13		14.3	54.7			. 3	54.7	71.3	57.5		• 1	€3.5	951
550		7.5	30.5			. 1	50.5	73.5	72.5			57.1	5 53
321		1.1	53.1		.1	• 3	53.1	32.1	72.3			91.4	494
427		.,	51.5	1.2	10.2	• 5	54.3	73.4	55.5	• 1		₹7.3	950
)::			55.5	2.7	31.1	. 5	73.2	71.4	55.5	• l		37.4	972
TOTALS		5.1	54.5	1.3	12.3	. 9	53.1	55.5	53.7	. 1	• 3	34.9	11544

USAFETAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U 8 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and manual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- *2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME	DAILY	PRECIPITATION	".00"	equals	none	for	the	month	(hundredths)
EXTREME	DATLY	SNOWFALL	"•0"	equals	none	for	the	month	(tenths)
EXTREME	DAILY	SNOW DEPTH	"o"	equals	none	for	the	month	(whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each yearmonth and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

MOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

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- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)
Beginning thru 1945 Jan 46-May 57 Jun 57-present	at 0800LST at 1230GMT at 1200GMT	Beginning thru Jun 52 at 0030GMT Jul 52-May 57 at 1230GMT Jun 57-present at 1200GMT

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF (FROM DAILY OBSERVATIONS)

125147 RAMSTELL AS SERMANY

						AM	OUNTS (II	NCHES)						PERCENT	TOTAL	MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	01	02 05	06-10	11 - 25	26- 50	51 1 00	1 01 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00	OF DAYS	NO		(INCHES)	
SNOWFALL	NONE	TRACE	0104	0514	1524	2534	3 5 4 4	4564	6 5 10 4	10 5-15 4	15 5 25 4	25 5-50 4	OVER 50 4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4.6	7 12	13 24	25 36	37 48	49 60	61-120	OVER 120	AMTS				
JAN	27.7	21.+	5.6	14.3	9.5	11.7	5.3	2.,,	. 2					49.5	951	2.37	43	. 2
FEB	35.2	17.5	5.1	12.2	5.5	11.5	6.5	1.3	• 2		1			47.2	375	1.51	4.30	ا ل و
MAR	33.7	19.2	4.3	11.5	7.9	13.9	5.7	1.4	. 4					42.1	991	1.0	5.56	• 2
APR	33.4	19.7	4.3	13.5	7.9	9.6	5.2	1.7	• 3		de .			41.9	963	1.77	5.34	• 3 :
MAY	41.2	17.7	3.9	10.5	7.1	13.1	5.2	2.6	. 5		1			41.0	992	2.24	6.77	. 3
JUN	41.7	17.5	4.2	8.9	7.1	9.9	6.3	3.0	1.5		1			40.5	952	2.64	5.37	• 3
JUL	47.9	14.3	2.5	9.7	4.1	11.3	6.1	3.5	• 5					39.1	948	2.34	6.03	•6
AUG	45.0	15.3	3.5	9.2	5.9	13.2	7.4	2.9	• 9					39.9	954	2.50	7.83	• 3
SEP	43.9	13.5	4.0	9.6	5.1	10.3	5 . 3	2.1	. 4					37.5	960	1.92	5.26	TRACE
ост	45.7	13.0	5.1	11.5	5.5	9.7	4.5	2.6	• 3					43.3	992	1.94	5.95	• 2
NOV	35.5	18.5	5.9	12.4	7.5	13.7	7.4	1.9	• 2					45.1	959	2.07	5.28	. 4
DEC	29.6	21.7	5.1	11.9	7.5	12.5	7.0	2.5	. 8					48.5	992	2.57	6.24	• 2
ANNUAL	39.5	17.4	4.7	11.2	7.2	10.7	5.1	2.3	• 5					42.7	11554	25.93	\times	X

USAFETAC OCT 78 0-15-5 (OL A)

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

1 PO TITION RANSTEIN AS GENOMANNE

52-03

YEARS

24 HOUR AMOUNTS IN INCHES

52 53 54 55 57	•31. •42 •71. •45	.73. 1.44	1.75	.74	-11								
54 55 57	•42 •71. •45	1.44				•72	. 45	.78	.77	.7÷	1.43	1.35	
55 55 57	•71. •45			.19.	•77.	1.53.	.54.	.23	.62.	.14.	.25.	.19	1.60
55 57	. 4.5	4.7	• 25	• 54	• 5 3	1.41	.93	• 72	. 4 s	. 45	.63	1.42	1.44
57		• 2 3	• 31.	.17.	.54.	.76.	.55.	.55.	· 4 J.	.75.	.13.	.43	.78
		. 21	• 23	• 5 3	. 94	• 35	. 83	. 92	• 33	.53	. 4 3	.27	. 97
5.4	.13.	• 58.	. 48.	.15.	. 24.	1.55.	.67.	1.35.	1.25.	·21.	.33.	.74	1.56
2 2	1.18	.55	.52	.39	.71	•53	.75	1.21	.27	.73	.30	. 46	1.21
5 9	.31.	. 33.	. 49.	. 29.	.23.	. 97.	.31.	. 39.	TRACE.	.45.	.33.	.49 .	.97
5 '	. 4 4	.32	.17	.37	.54	.53	.54	1.21	.57	.37	.42	• 5 2	1.21
51	.53.	.27.	.19.	. 57.	.43.	1.13.	1.61.	. 45.	.22.	.59.	.64.	.55	1.51
5 2	1.36	. 55	.77	1.73	. 45	.224	1.33	.21	1.23	.15	.42	. 35	1.73
53	. 33.	25.	.52.	. 43.	.21.	1.03.	.33.	• 31.	39.	•57.	.74.	14	1.25
54	. 33	.30	. 45	. 24	. 45	.53	.25	. 44	.54	.37	. 54	.25	. 54
55 .	.37.	. 20.	• 59.	. 27.	.53.	.75#	.53.	. 45.	.55.	.29.	.71.	.93.	. 9
5.5	. 46	.32	. 39	. 47	1.13	.75	.73	.58	.35	.64	.35	1.26	1.26
57	.22.	76.	. 45.	. 75.	•77.	.63.	.93.	. 7.2.	2.13.	.49#	.42.	1.36.	2.13
5 5	.53	. 43	. 35	.72	. 4 9	. 59	.70	1.57	1.11	4.9	.76	•53	1.67
5 7	. 72.	. 58.	1.27.	•51.	.55.	. 459	.38#	.37.	.29.	13.	.53.	.24.	1.3
73	.54	. 3 3	.51	. 65	1.63	.71	1.15	.22	.24	.27	.39	.35	1.5
7.1	.30.	.19.	.23.	.30.	.72.	.43.	•33.	. 42.	.39.	.53.	.47.	•2	.79
72	.39	. 47	.25	.37	• 5 5	1.14	. 8 7	.57	• 35	.19	1.19	.37	1.19
73	.28.	.34.	.27.	-54.	.41	29 .	.71.	-41.	33.	• 5 5.	- 38.	.43.	.73
74	.19	.51	• 35	.20	.49	.43	.71	. 31	. 35	. 5 8	•50	.52	.71
75	38.	49.	-57.	38.	.43.	1.33.	88.	. 32.	-53	23.	•31.	.32.	1.33
75	•25	.42	•23	. 24	.14	.33	.73	.31	.71	1.08	.64	.59	1.09
11 .	.63.	1.14.	-37.	40.	431.	1.21	1.25.	45.	- 53.	6J	·83.	-58.	1.25
73	•56	.50	.75	. 25	1.45	1.54	.41	.54	.42	.23	.23	1.71	1.71
19	.34	-54	53.	. 34.	. 6 â.	53	.53.	1.21	77.	47.	-58.	1.26.	1.26
30	.35	.72	.44	.53	.64	1.40	1.43	1.53	.25	.67	•60	.23	
	.74	.23.	-57	1.22	- 34	1.36.	4.7	-5a.	0 2 3				1.53
91 MEAN			- +3/+	1044		-10-10-	***			1.55.	55,_	-B9.	1.56
S D													
TOTAL OBS		+						+	+				

USAF ETAC NORM 0-00-5 (OLA) # EBASED ON LESS THAN FULL MONTHS)

A spreading of

1

SLUBAL CLIMATOLOGY BRANCH JSAFETAC AIR WEATHER SERVICE/MAG

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

1351HIBN RAMSTEIN AS GERMANN

52-53

Contract Con

MONTH	JAN	FEB	۸	AAR	APR	MAY	א טנ	JUI	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
3.2 3.3	. 7			•77 •49	.38 1.51	.35 1.17	1.11	•53 •34	.93	1.93	1.19	•31 •59	• 93 • 5 6 =	1.19
and.				•		٠	•	٠	•		٠	•		
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	1-1-1	4						•						
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		+												
MEAN														

USAFETAC MAM 0005 (OLA)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

1 DE 140 RAMSTEIN AD GERMANY

52-83

TOTAL MONTHLY PRECIPITATION IN INCHES

Total Control of the Control of the

MONTH EAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	MONTHS
52		*		2.50	.33	1.33	1.59	2.39	3.54	3.65	5.23	4.86	
53	• 5 2.	2.36.	•23.	1.39.	1.22.	5.38.	2.42.	. 93.	1.54.	.49.	.46.	• 73 -	17.3
54	1.91	2.27	1.33	1.05	1.92	2.65	2.72	4.73	3.22	1.45	1.68	2.9.	28.9
55	2.52.	2.39.	1.35.	• 33.	3.33.	3.33.	2.33.	1.51.	1.92.	1.66.	•65.	3.32 -	25.3
5.5	2.10	. 4.5	.54	2.97	1.92	1.58	3.85	2.92	2.03	2.75	1.09	1.00	22.4
57	•71.	2.39.	2.17.	. 38	33 .	4.28.	2.35.	3.35.	5.23.	1.17.	.73.	1.3.	25.6
5 8	4.33	4.23	1.95	1.07	4.53	2.79	2.33	4.98	1.44	1.25	1.26	3.55	33.8
53	1.69.	. 34.	1.53.	1.63.	. 93.	2.55.	1.34.	2.32.	TRACE.	1.11.	1.35.	2.83 -	18.5
50	1.99	2.14	.75	1.12	4.17	1.97	2.51	4.45	1.13	2.64	2.43	2.73	27.9
51	2.27,	1.27.	.59.	1.84.	2.21.	3.51	3.44.	1.55.	.71.	2.19.	1.71.	2.58 .	24.6
5 2	3.49	1.92	2.59	3.08	1.62	.37*	1.52	.72	3.05	. 45	1.34	2.09	#22.5
53 .	1.15.	.31.	2.71.	1.53.	. 93.	2.65.	.73.	4.36.	1.34.	1.27.	3.99.	-• 23 . .	21.7
5 4	.25	1.13	2.25	.91	1.49	1.47	. 5 3	2.24	1.17	1.81	1.56	1.13	16.3
55 .	4.00.	.63.	1.91.	1.53.	1.84.	2.91#	2.91.	1.61.	2.93.	.24.	4 . 75.	5.29	#30.0
55	1.42	1.52	1.59	2.49	1.97	3.34	3.69	3.43	.67	2.98	1.94	4.19	29.1
57	3.	2.39.	2.36.	1.82	3.54.	2.35.	2.33.	2.59.	5.25.	2.93	2.34.	2.54.	*30.a5
5 8	2.75	2.39	1.55	2.35	2.19	1.80	2.74	7.83	3.94	1.41	1.49	1.98	32.7
5 7	3.35.	2.71.	2.73	2.91.	3.09.	2.38*	.88*		.35.	.22.	2.92.	. 20 .	*22.2
70	1.96	4.48	1.72	2.79	3.45	2.33	3.44	. 95	1.07	1.20	1.25	1.60	26.2
71	1.57.	.85.	. 30.	. 78.	2.99.	2.51	. 59	1.51	1.05.		2.01.	.53.	16.
72	1.20	. 98	1.34	2.02	2.95	2.78	2.17	3.46	1.22	.43	4.27	.71	23.1
73	. 84.	1.95	.23.	1.75	1.91	1.25.	2.97.	1.20	1.32.	2.51	1.21.	1.46	15.2
74	1.22	1.32	1.56	.58	1.72	1.83	2.15	1.75	1.75	4.60	2.87	3.27	25.0
75	1.73	.75	2.45	1.24	1.37.	4.73.	1.82	2.50	2.75	93.	1.54.	.43.	22.2
75	2.37	1.44	.91	.74	. 44	. 41	1.51	.85	2.79	2.58	2.35	2.58	18.9
77	3.52	4.90.	1.23	1.33.	1.17.	3.10.	1.98	1.97	. 74.	2.29	3.98.	3.17.	29.
73	1.91	1.38	3.15	. 95	5.77	3.50	2.32	1.55	1.43	.53	.41	6.24	30.6
	1.56	2.53	3.91	2.41.	2.26.	2.50	1.76	3.87.	1.45.	1.92.	2.93.	5.43.	32.6
30 *	2.24	2.57	2.33	1.92	1.53	5.87	6.03	3.59	1.13	2.86	1.98	1.74	33.4
31	2.45.	. 71	3.14	2.38.	1.23	3.42	2.43.	1.64	2.71	4.70	1.47	4.26.	29.7
MEAN						7076	6073.	1001		7014	4074	- TA 4D #	4741
S D									+-				
TAL OBS.													

USAF ETAC AND GOODS (OLA)

DLOBAL DLIMATOLOGY BRANCH JSAFETAC AJR WEATHER SERVICE/MAC

FROM DAILY OBSERVATIONS

RAMSTEIN AS GERMANN 1 75 J. 1.20

52-13

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

-

MONTH YEAR		JAN	FEB	MAR	APR	MAY	JUN	Jul	AUG	SEP	ост	NOV	DEC	ALL MONTHS
33 -		7.21 2.40	•72 ?•53·	3.39	.69 5.34	1.2.	2.35 2.19	1.34	2.98 .38	1.42	5.95 1.49	1.85 1.57	4 • 71 1 • 9 4 -	30.25 29.46
an		•		٠					٠		•	٠	**	
64		•	•	•				•	•	•		•	**	
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		- +		•	•	•	٠			TT = 1.21*		-:	•	
			•					•	-		-	=1	•	
	-				· · · · · ·					•				
•							•							
1				· · · · ·										
MEAN						201	3 () 3		2 101			2 2 2 4	*-	
S D	_	• 373	075	• 953 • 953	1.329	1.523	1-236		1.592	1 - 9 2 3 - 1 - 2 9 3 -			2+565+ 1+600+ 992	25.51

SIMAL CLIMATOLOGY MRANCH USAFETAC AIM WEATHEM SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

1 - 41 42 STATION NAME

52 = +3 YEAT

TOTAL CONTRACTOR

SNOWFALL NO		AMOUNTS (INCHES)														MONTHLY AMOUNTS		
	NONE	TRACE	01	02 05	06-10	11 25	26-50 3 5 4 4 7 12	51 1 00 4 5 6 4	1 01 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00	PERCENT OF DAYS WITH	NO		(INCHES)	
	NONE	TRACE	0104	0 5-1 4	1524	2534			6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4	MEASUR.	OF OBS	MEAN	GREATEST	LEAS"
	NONE	TRACE	1	2	3	4.6			25 36	37 48	49 60	61 120		AMTS			-	
JAN	53.3	20.1	7.5	5.7	1.5	1.1	• 1	. 4	• 2					1:.6	951.	5.2	15.7	TRACT
FEB	55.2	17.5	7.7	5.6	1.9	. 9	. 2	• 1						15.3	875	4.7	13.2	TRACE
MAR	31.4	11.7	3.0	2.2	. 5	. 4	• 1	. 4	• 1			•		5.9	991	¿• ſ	13.6	•
APR	89.3	3.1	1.5	. 9			• 1	-1		,			1	?•5	950	• +	6.3	•
MAY	P . 2	• 3						1							9921	TRAC'	TRACE	
JUN	33.3			<u> </u>										t	95.	• :	. 3	•:
וטנ	33.3	,	İ				1								957	•	•	. 3
AUG	33.3														765	•	.5	• 0
SEP	0 3. 0						1								953	• 3		• 3
ост	77.4	• 5									1				992	RAC	TRACE	•
NOV	33.6	10.3	2.5	2.4	. 8		. ?	. 1						5.0	950	1.5	8.8	• 2
DEC	57.5	23.4	5.7	3.6	1.7	• 5	. 3	- 1	• 1					12.1	992	3.5	21.8	• 2
NNUAL	37.5	7.5	2.3	1.7	. 5	• 2	. 1	• 1	• 0					5.3	11555	17.4	\times	\times

USAFETAC OCT 78 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SLUBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

LOOPING TANSTEIN AS GARMANN

52-53

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ALL MONTHS
52		x,		5.5	•)	• 3	. 3	• 0	• 3	• 3	1.5	1.5	
53	1.1.	2.5.	• 7.	• 3.	. J.	• J.	• 3.	• 3.	٠.5.	•J.	• J.	•3.	2.1
5 4	1 • 1	1.2	• 3	• 5	• 3	• 3	• 5	• 3	• 3	• 3	TRACE	• 1	1.
55	2.1.	1.9.	2.2.		• 5.	• J.	• 3.	• 3 .	• 3.	• J.	TRACE.	3	3.3
5 5	1.3	2 • 2	• 2	TRACE	• 3	• 3	• 3	• 3	• •	• 0	TRACE	1.1	2 • 3
57	. 5.	TRACE.	• J.	TRACE.	TRACE.	• 2.	. 3.	• 3.	• J.	• 3.	TRACE.	TRACE.	•
5 5	4.9	5.1	5.3	• 6	• 5	• 3	• 3	• 3	• 3	.0	TRACE	3.1	5.
57	3.1.	IRACE.	· J.	.1.	. 3.	• J.	. J.	• J.	• 3.	• J.	TRACE.	TRACE.	3.
5 3	2.0	• 3	TRACE	TRACE	٠ ٦	• 3	٠.)	• 3	• 4	• 3	TRACE	2.3	2.
51	5.3.	. B.	TRACE.	•3.	• 4.	• J.	• J.	• J.	• 3.	• 3.	1.3.	•5 -	6.
5 2	• 1	2.4	5.7	TRACE	٠.5	• O *	• 3	• 3	ت ہ	TRACE	5.4	. 5	5.
53	2.7.	3.4.	IRACE.	• J.	• ÷.	• J.	• 3.	• J.	• 1.	• 3.	·3.	-1.4.	3.
54	1.2	. 9	4 . 4	TRACE	. 3	• 3	• 3	• 3	• 3	• 3	TRACE	3.9	4.
55	1.3.	1.2.	5.1.	· J.	· J.	• J.	٠.	• J.	• J.	. ۵.	4 . 3.	.5.	5.
5.5	• 4	TRACE	1.0	TRACE	• 3	• 3	• 3	• 3	• 3	TRACE	1.4	1.2	1.
57 .	7.	. 5.	TRACE.	•2.	• 3.	• J.	• 2.	• J.	. 2.	• J.	1.1.	3.4.	3.
5 8	5.8	4.0	. 3	. 8	• 5	• 3	• 0	• 3	. 3	• 3	. 9	2.2	5.
59	1.5.	2.3.	.3.	1.3.	• J.	.3#	.30	3.	. 3.	_= .3.	. 8.	2.4.	2.
7.5	7 . i	2.3	4 . 7	. 5	• 3	• 3	• 0	• 3	• 3	• 3	TRACE	5.7	7.
71 .	• 5.	. 2.	2.5.		• J.	• J.	. 3.	. 3.	. 3.	· J.	2.3.	IRACI -	2.
72	1.3	. 5	• 3	• 3		• 0	• 3	• 0	• 3	TRACE	1.5	. 3	1.
74 .	. 3.	3.3.	•7.	. 4.	• 1.	• J.		• J.	.3.	TRACE.	2.3.	•7.	3.
74	TRACE	• 5	-1	TRACE	• 3	• 0	• 3	• 3	• 3	• 0	. 3	• 1	•
75 .	IRACE.	IRACE.	7.5.	IRACE.			. 2.	. 2.	44.	TRACE.	TRACE.	IRACE.	7.
75	3.5	2.5	TRACE	• 2	• 3	• 0	. 3	• 0	. 3	•)	2.1	1.5	3.
77 .	5.9.	IRAGE.	1.2.	IRACE.		. J.	• 3.	. 3.		· 2.	. 5.	_1	5.
7 5	1.1	2.7	TRACE	TRACE	• 3	• 3	• 3	• 3	• 5	• 3	TRACE	2.8	2.
79	2.5			IRACE.	TRACE			. 2.			1.7.	1.5.	2.
33	1.7	TRACE	• 2	. 4	• 3	• 3	• 0	• 3	• 3	• 3	4.2	2.9	4 .
31	1.5.	1.8.	IRACE.	3.5.	IRACE.						LRACE.	5.3.	5.
MEAN					i								
\$. D													
TOTAL OBS.					-							•	

USAF ETAC NORM 0-86-5 (OLA) + (3ASED ON LESS THAN FULL MONTHS)

SLIBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 2

EXTREME VALUES

SMOAFALL

FROM DAILY OBSERVATIONS

1751/60 RAMSTEIN AB GGRAAME

57-83

YEARS

MON' YEAR	TH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	oct	NOV	DEC	ALL MONTHS
32 33	**	5 • 7 • 7		TRACE .2.	TRACE-	• 3 • 3	• 3	• 3 • 6·	• 3	• J • 3·		TRACE TRACE	1.5 TRACE -	5 • °
		,					•	•						
	•				11		•	٠					-	
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	**	100		=-			•				•	E) .	*	
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	1	•	_===1	41				e 144	•					
	•	··· • • •		-	· · · •		-		•	•		-		
MEAN	5 # #5													
S D						TRACE-	• 3 3 3 -							3.76

USAF ETAC AN M 0-88-5 (OLA)

2

SLOBAL CLIMATOLOGY PRANCH JEAFETAC AIR WEATHER SERVICE/MAC

FROM DAILY OBSERVATIONS

135147 RAMSTEIN AS GERMANN

52-53

TEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAT	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
52			3	5.3	• 3	• 3	• 3	• 3	• 3	• 1	3 • 3	3.3	
53	. 1.3.	8.5.	• 7 .	• Ĵ.	• 3.	• 3.	• •	• 3.	٠٠.	• 3.	•3.	• 4	11.
5.4	7.0	2.5	• 3	• 8	• 3	• 3	•)	• 3	. J	• 3	TRACE	• 1	13.
35	. 5.3.	8.4.	5.3.	TRACE.	• 1.	• J.		• J.	، ن	• J.	TRACE.	3.2.	23.
5 5	2 • ë	3.7	• 2	TRACE	• 3	• 3	• -	• 3	• 3	• 3	TRACE	3.0	٦,
5.7	. l.ū.	IRACE.	• 3.	IRACE.	TRACE.	• 3.	· J.	• 3.	• J.	• J.	TRACE.	TRACE .	1.
5 =	7.3	11.5	13.8	1.7	• 3	• 0	• 3	• 3	• 0	• 3	TRACE	3.5	39.
5 9	" 9.a 7.	TRACE.	• J.	•1.	. J.	• J.	a	• 3.	•3.	• J.	TRACE.	TRACE .	9.
50	3.2	• 7	TRACE	TRACE	٠ ٢	• 3	• 0	• 3	• 3	• 3	TRACE	5 • 4	9.
51	. 3.7.	1.3.	TRACE.	• 3.	• J.	• 2.	a	• J.	• 2.	. 3.	1.3.	. Y .	11.
52	• 1	4.5	9.5	TRACE	ن و	·] *	• 3	• 3	• 3	TRACE	3 . 5	1.5	* 24
53	. 5.9.	8.7.	TRACE.	.3.	• J.	. J.	. 5.	• D.	a	• 2.	• J.	2.9.	13
54	1.4	2.3	5.7	TRACE	• 3	• 3	• 3	• 3	• 5	• 3	TRACE	7.9	19.
55	. 5.5.	4 . 3.	8 . 4.	• 3.	• 3.	• 3.	. 2.	• J.	• 3.	• 3.	= . 3.	1.6.	28
55	. 9	TRACE	1.7	TRACE	. 3	• 3	. 0	• 3	• 3	TRACE	3.1	3.1	9
57	1.7.	1.3.	TRACE.	. 3.	. 2.	• 3.	. 2.	• 3 .	â.	. 2.	1.3.	4.2.	.9
5 3	15.7	7.5	. 4	1.5	• 3	• 3	• 3	• 3	. 3	• 3	2.3	4.9	32
5 ,	. 2.2.	13.2.	. 2.	1.3.	• J.	• J#	.3#	• 3.	<u>.</u> 3.		2.4.	1.6.	# 28
7)	13.7	7.7	10.2	1.1	ز	• 3	.0	• 3	• 3	. 3	TRACE	9.5	39
7.1	. â.	. 4.	5.2.	• 3.	. 3.	• 3.	· 2.	. 3.	. 3.	<u>.</u>	5.5.	TRACE .	12
12	3.5	.7	• 3	• 3	. 3	• 3	• 3	• 3	. 3	TRACE	2.4	• 3	6
7.5	3.	5.8.	1.4.	. 5.	. i.	. 2.	.a.	• J.	- 1	TRACE.	3.2.	1.5.	15
74	TRACE	. 6	• 2	TRACE	• 3	• 3	• 3	• 3		• 3	• 3	.1	• •
		TRACE.	8.6	IRACE.		1.	<u>.</u> 1.	• 3.	ā.	IRACE.	TRACE.	TRACE	8
75	7.5	4.8	TRACE	• 2		• 3	• 3	• 3	.3	.3	2.3	5.0	21
77		TRACE.	1.2	TRACE	•	.3.	a.i.	3.		. 1	.5.	1.	16.
73	2.8	9.1	TRACE	TRACE.	.)	• 3	.:	• 3	• 3		TRACE	4.9	16
79	13.9	1.4	, , , , ,	TRACE.	TRACE.	• 3.	. 3.	.3.		- 3	1.3	1.4.	13
30		TRACE.	. 7	.5	•3	• 3	a J	. J	• 3	بنده د ت	5.6	Ý.5	18
3.1	7.	3 4	12405	4 6	IRACEL	• 5		• 5	• 5	• 5	TOACE	71 6	37
MEAN	a		- Labore	4.2.	110-			6 - 4 -			13866	6103	
S D		•	-	·	· ·			4					
DIAL OBS	•	•											

USAFETAC ALM 040-5 (OLA)

SLOBAL CLIMATOLOGY RRANCH JEAFETAC AIR WEATHER SERVICE/MAC

2

EXTREME VALUES MONTHLY SHOWFALL

FROM DATE OBSERVATIONS

176 NA RAMSTEIN AS GERMANA

52-+3

3 a a	14.5	2 • J 6 • 3·		TRACE-		• 3							
•					٠ اد ه	. 5.	• ū. • J	• 3-	•3 •0	TRACE	TRACE-	1.5 TRACE -	19 - 1 7 • 2
-				•									
	•		٠	•			•					*	
•			٠				= .	٠				~	
•	-	==•	•			•		•		•	,	×	
								. 1					
:	-		-	II =	• 1	•				··· •		-	
								•				= -	
44	•		•		- •	•					•		
-			-	n n				•	= =.		•	•	
	+				•	•	-		· •	- •			
								15					
- •							· · •	•				•	
													1542
MEAN			+					-					

USAFETAC ALM GASS (OLA)

JURAH CLIMATOLOGY RRANCH JUATETAC ATK REATHER SERVICEZMAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF (FROM BAILY OBSERVATIONS)

AMSTELL AS STANDAY 1 THATION

7.

						AM	OUNTS (II	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	10	02 05	06 10	11-25	26 50	51 1 00	1 01 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00	OF DAYS	TOTAL NO		(INCHES)	
NOWFALL	NONE	TRACE	0104	0 5 1 4	1 5 2 4	2534	3 5 4 4	4564	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4	MEASUR-	OF OBS	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1 ,	2	3	4.6	7 12	13 24	25 36	37 48	49 60	61-120	OVER 120	AMTS	· · · · · · · · · · · · ·		The second second	
JAN	52.5	13.3	5.0	4.7	4.5	7,5	. 4					+		24.2	33			
FEB	73.3	11.1	7.7	5 • 1	3.9	2.5	. 1							18.5	874			
MAR	93.5	4.5	2.1	1.5	• 5	• 5	. 1			i i			1	5.0	759			
APR	39.3	.4	• 1	. 1		•1							1	. 3	95		<u> </u>	
MAY	מ.רכו										4		1		992		1	
אטנ	23.5														953		-	
JUL	33. 3						_		1						972			
AUG	J J. D														965			
SEP	33.3													·	96.		1	
ост	5 3. 0														292			
NOV	74.1	4.2	• 5	. 7	.1	. 3								1.5	960			
DEC	77.2	13.5	5.9	1.6	. 4	1.7	. 7		2000					10.3	991			
HNUAL	91.3	3.7	1.9	1.1	• 3	1.1	. 1							5.0	11515		X	\times

USAFETAC OCT 78 0.15-5 (OL A)

2

DLUBAL CLIMATOLOGY BRANCH JEAFETAC ATH WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

136 ANSTELN AS GERMANE

52-43

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH EAR	JAN	FEB	MAR	APR	MAT	JUN	וטנ	AUG	SEP	ост	NOV	DFC	MONTHS
5.2			* 1	5		2	þ	ā	C	3	2	1	
. د د	. 1.	_	. TRACE.	3.	٦.	3.	3.	3.	<u>.</u> ,	3.		IRACL.	
54	5	2	TRACI	3	3	3	ت	3	3	3	2	TRACE	
55 .	. 1.	5	i. 3 .	Ĵ.	٠.	3.		٦.	J.	٥.	IRACE.	1	
5 5	1	4	TRACE	Э)	2	3	3	Ĵ,	3	C	1	
57 .	. 3.	3	i. 3.	3.	٠.	٦.	٦.	3.	Ç.	Э.	3.	IRACE	
5 -	4	3	5	TRACE	ر)	Ĵ	3	3	Ţ,	ن	ن	
5 3	. 4.	2	i. J.	۵.	۵.	٦.	۵.	3.	. ب	2	TRACE.	TRACE .	
5 0	3	1)	2	3	3	3	3	J	j.	3	2	
51 .	5.	TRACE	J.	3.	3.	3.	Ĵ.	J .	3.	٦.	IRACL.	1 -	
52	Ç	3	5	5	3	3	ú	3	Ĵ	3	4	TRACE	
53 .	4.	5	. 2.	3.	. J.	٦.	3.	3.	Ĵ.	Э.	2.	- 4- 1	
54	J	3)	3)	3	Ĵ	j	3)	כ	4	
55 .	. a.		. = .	۵.	٠.	J. =	۵.	۵.	۵.	٦.	3.	2.	
55	3	2	* 3	3	٥	э	3	3	2	3	3	5	
57			. a.	1	٦.	3.	۵.	a .	۵.	ے.	۵.	× 2.	
5 5	p.x	6	. 3	3	_	5	۵	5	2	3	2	5	*
59	3.	4	TRACE.	TRACE.	a .	3.*	3.*	ā.	a .	ā.	IRACE.	2	
70	Ê	2	5)	2	3	- 1	3	3	3	2	Ł	
71	4.	TRACE	. 1.	ā.	<u> </u>	<u>.</u>	ā.	<u>.</u>	ā.	_ ā.	2.	TRACE.	
72	1	TRACE	3	3	3	3	3	3	1	7	1	7	
	IRACE.	3	j		5	<u>, j</u>	<u> </u>	5			2	1	
74	3		TRACE	3	3	3	3	2	3	5	2	TRACE	TRA
75	ว	3	7	3	3	ā	5	3	5	2	j.	ā	
76	5	3	TRACE	7	1)	-	3	3	7	TRACE	1	
77	2	ĭ	1 1 7 7	3	3	า	•	1	1		IRACE.		
73	1	6	1	7		3	-	¥.	3	3	3	2	0.1.000
7.3	4	1		2	,	7	2	2	7	_	IRACE.	5	
30			7	2		3		3	7	2	1881		410 1 -650
	۷.	2	J	3	,	7		,		3	IRACE.		
MEAN .			++								ARALL,		
S D			+ +						+				
OTAL OBS.			+									·	

USAF ETAC FORM DOGS (OLA)

and a second

4.50

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SLOBAL CLIMATOLOGY BRANCH JEATAC AIR WEATHER SERVICE/HAC

2

EXTREME VALUES

SNO. DEPTH

FROM DAILY OBSERVATIONS

1953MBN RAMSTEIN AB GARMANA

5?-53

YEARS

DAILY SHOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	אטנ	JUL	AUG	SEP	ост	NOV	DEC	MONTHS
3 2	- TRACE.	? è·	.) .	TRACE O	ن ع.	3. 3	3.	ۍ. ن	3 5 .	5. 5	ე. ე	TRACE -	
				¥									
		•	•	•				٠				*	
					•	•	•	•	•	•	•	*	
	. 115,500 11	= =:			•	٠	*		•	٠	•	•	
	•			•	•	*	•			•	•		
		-	•			•	•	٠					
	• •	yr •	•		• •	-11	-	•				•	•
	•	- •		a					***			reservated &	
	.		-	· · ·		10.000		-	a sump	•		•	
					-							-	
	•	· · ·						•	•	• =		- + +	
	•		en annomo su anuam san se sub-									•	
11	•			************			-	• • • • • • • • • • • • • • • • • • • •				*	
MEAN S D	2.7	1.9	1.3	*3	*3	• 0		- +3	+3	- +)	- 5	1.6+	4.
OTAL OBS	2.477	674	951	263	• 393	•000·	972	• 333 336	*000+	002	1.135	2.248.	- 2 2 2 6

USAF ETAC TORM 0-88-5 (OLA) + (BASED DY LESS THAN FULL MONTHS)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Heans and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".O" in these tables represents one or more occurrences amounting to less than ".O5" percent.

syalues for neans and standard deviations do not include measurements from incomplete months.

SLUBAL CLIMATOLOGY BRANCH JEAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE 41 NOT

FROM DAILY OBSERVATIONS

10614. RANSTELN AS GERMANNE

61-53

YEARS

DAILY PEAK GUSTS IN ANDIS

MONTH EAR	JAN	N FE	:B M	AR A	PR A	NAY JU	IN .	JUL A	NUG SI	EP O	T N	o vo	E C	MONTH	45
51						1 554	39W	355w	32WSW	3455W	355 m	335 w	51		
_	S .a	42M2M	43554		7524	25H	2654	28 W	这件作用	36[245.	23.	36	54	4
5 3	EME		MCS	355 m	34 W	#24 H	*34 #S #	i # 2 4 5 5 m	1 33W	2554	24 H	33 N L	19	•	Š
-	al \$ al	8228	SEENE	24H	3554	33424	4242*			3384	395"	535 w	38 -	S 4	5
55	5 *	46 N	365 m	34 W		355×	46 m	*44		29W\$W			5 3		
	.2.	34月	35454	45454	. •			3654	27454		34554	41454	_	454	4
57	AAM	ا 5 قا 1 غ	54 W S W	39W	375 N	475 4	234	1985	4185	25454	3954	32 h	3 :	S 4	5
53	2	425.	2754	4254	SAMER	354	25234	3527/	3224/	25251	25. 6/	2525/	26 -	S #	4
5 🤄	551	2627/	3224/	2127/	4325/	2324/	2323	3725	2127/	2725/	7325/	4924/	25	25/	4
7.2	,23/	26221	5325/	4324/	37. 3/	23.9/	2933/	3324/	21221	3521/	3425/	3323/	34	221	5
71	23/	5324/	3121/	2525/	3230/	33261	3525/	3223/	4915/	2422/	3024/	3724/	31	281	5
12	5/	3322/	3127/	5326/	5423/	4727/	33.9/	3323/	3323/	35.9/	24241	53241	36	251	5
7 5	241	26231	45 4/	2823/	4974/	37251	3227/	3325/	3027/	4225/	3830/	3826/	36	2~/	4
74	27/	4525/	4327/	39. 9+	2425/	3329/	3228/	3325/	2933/	4322/	3428/	4325/	41	27/	4
75	27/	3313+	2425/	3323/	30 5/	35 9/	3115/	3221/	3021/	3527/	3324/	4312/	35	24/	4
75	25/	46221	4325/	29.71	2124/	3125/	2925/	29.8/	3823/	2928/	2125/	5323/	38 .	26/	5
77	24/	41237	3725/	3423/	4623/	35211	3125/	2725/	2325#	1923+	2223/	5129/	35	29/	5
73	2+/	4222/	3227/	42.9/	3125/	2524/	3124/	3223/	2525/	3326/	2224/	2226/	55.	26/	5
79	25/	3323/	3423/	4425/	3525/	4.24/	2531/	4526/	2823/	2813/	2223/	4225/	54	25/	5
33	21/	4223/	4522/	3423/	46.11	2824/	2322/	3325/	3121/	2925/	3921/	3518/	39.	23/	
31									2822/					24/	
-									2323/				_	24/	
3 2									2727/					24/	-
			76001	33541	30137	20201		23237		33147		43557	J.	24,	,
								•		,	•	•			
	•													-	-
								-						13	
MEAN		+	+	+								-			
S D	. 37	-3. 35	30	-1-3	3				3.3.		2. 3	3.4. 3	7-7+	-4-	-
OTAL OBS		3113.5							943, 5.1						
JIAL USS	6	55! 5	513	331	556	676.	584	675.	648.	7.81	123.	688	712.	8.7	

BLOBAL CLIMATOLOGY BRANCH USEFETAC AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175147	RAMSTEIN AS GERMANY	74-33		JAY
STATION	STATION HAME		YEADS	MONTH
		ALL WEATHER		0000-0200
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	. 3	• 3	• 2							ll .		• 9	4.4
NNE	• 3											. 3	2.0
NE	1.4	1.5	• 9									3.1	4.3
ENE	1.5	1.9	1.1	. 1								4.6	4.9
E	. 8	1.3	• 5									2.4	5.0
ESE	. ?	- 1										• 3	3.3
SE												•	
SSE	•1											1	2.0
S	• 3	.1										. 4	3.0
SSW	• 3	. 3	• 5	• 1								1.3	6.3
sw	. 9	2.0	1.9	2.2		• 2	-					7.2	6.7
WSW	1.8	5.1	7.0	7.1	1.3	. 3						23.7	9.5
w	1.8	4.4	4.3	4.6	• 5							15.7	8.5
WNW	1.0	. 5	. 1	• 1								1.7	3.9
NW	. 2											• 2	1.5
NNW												1	
VARBL		= 57	2.0	1.1	• 2	2						3.5	11.4
CALM	><	><	><	><	><	><	> <			><		34.4	
	11.1	17.8	13.6	15.3	2.0	. 8						100.3	5.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Ann Mi

A share and

SLOBAL CLIMATOLOGY BRANCH JOAFETAC BIR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

C.

1 75143	RANSTEIN AS SERMANY	<u>74-83</u>	YEARS	JAY HONTH
	110 1 110 110 110 110 110 110 110 110 1	ALL MEATHER		3360-0500 HOURS (LET)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	- 5	• 5										1.2	3.
NNE	. 4											. 4	1.
NE	1.3	. 8	• 3	• 1								2.5	3.
2NE	1.0	2.4	1.1	• 1								5.4	4 . !
E	1.5	1.1	• 3									2.9	3.6
ESE		• 2										• 2	5 . 3
SE	• 1	• 1						1				• 2	3.5
SSE		•1			• 1							• 2	12.
S	• 1	.1	. 4	1								• 5	7 . :
ssw	• 1	. 4	. 4									1.0	5 . 1
sw	1.0	2.2	2.3	1.5	• 2							7.2	8
wsw	1.9	5.4	8.2	4.9	1.7	. 5	• 2					23.0	9.6
w	2.9	4.3	5.2	3.4	. 4			1	•			15.9	8 . 0
WNW "	. 1	. 4	• 3	• 2								1.1	7.5
NW	• 3	• 1										. 4	3.3
NNW		i											
VARBL			2.3	1.6	.1	•1	.1			•		4.2	11.
CALM	><	\times	>	\times	\times	> <	\times	><	><		><	33.5	
	12.3	17.7	20.9	12.0	2.6	. 8	• 3					153.0	5.

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 | OL-A | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175147	RAMSTEIN AB GERMANY	74-83		JAN
BTATION	STATION NAME		TEADS	MONTH
		ALL HEATHER	-	J630-7803
		CLASS		HOURS (LST)

SPEED (KNTS) DIR	1 3	4 · 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	`	MEAN WIND SPEED
N	• 1				Ē							1	2.5
NNE	• 1	• 2										• 3	3.7
NE	1.0	. 4	. 4									1.5	3.9
ENE	2 . 4	2.5	1.3	• 1								5.2	4
E	1.3	1.2	.1	. 2						•		3.3	4 . 0
ESE	. 1								1			• 2	2.5
SE								1	•			•	
SSE	•	• 1	• 2					•		• • • • • • • • • • • • • • • • • • • •		. 3	7.3
5	. 1							1	•			• 1	1.5
ssw	• 1	• 5	. 5	• 1				1		•		1.3	5.6
sw	1.3	2.0	3.9	2.3	• 2			1				9.4	8 . 5
wsw	1.5	4.5	8.3	5.4	1.3	. 3						21.0	9.4
w	2.5	3.5	5.5	1.8	• 1	• 2				• • • • • • • •		13.7	7.6
WNW	1.1	• 1	• 5									1.7	4 . 4
NW	•2		• 5									. 4	5.3
NNW	• 2	. 1	• 2									. 5	5.2
VARBL		. 1	3.7	2.4	• 2	•1				•		5.8	13.8
CALM	\geq	><	> <	><	> <	>	\times	\times	\times	><	`<	33.8	
	12.5	15.4	23.8	12.3	1.8	• 5				1	***	100.3	5.2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC JUL 44 0-8-5 OL+A : PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SLOBAL CLIMATOLOGY BRANCH JEAFETAC ATR HEATHER SERVICEMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 151 4 7	RAMSTEIN AS SERMANY	79-53	YAN	JAV
5141104		ALL HEATHER		3 33-1133
		CLASS		HOURS (L S T)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 40	41 - 47	48 55	≥ 56	`	MEAN WIND SPEED
z		• 1	• 1		- 222								3.8
NNE	• 7.	• 1	-		- •		_						2.3
NE		. 9	. 4									1.0	4.4
ENE	1.5	2.9	1.3	• 1							•	5.7	5.4
ē.	1.7	1.1	. 1.	. 4						0.50033		3.5	4.7
ESE	. 9	• 1										1.3	2.1
SE								•		•	•	• 2	2.3
SSE		. 1	• 2		•					•	•	• 3	8.0
5	. 1	. 3	• ?	• 1				•	•	•		. 9	7.1
SSW	• 5	. 5	. 9	. 4	•			•	•	•	•	2.4	5.6
SW	1.0	2.0	1.4	2.2	. 3				•	•	•	7.3	9.5
wsw	1.3	3.7	13.7	7.5	. 8	• 2		•	,	•	,	23.4	9.6
w	2.3	3.9	5.1	2.7	• 1	•1						14.8	7.9
WNW	1.0	. 9	1					•				1.7	3.4
NW								•					
NNW	• 1	1						•				.1	2.0
VARBL	*	•11	2.3	2.5	.1			1				4.5	13.4
CALM		><	\geq	$\geq <$	$\geq <$	><	$\geq \leq$	\times	><			31.0	
	12.0	15.3	23.5	15.5	1.3	• 3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

SLOBAL DLIMATOLOGY RRANCH JEAFETAD AIR WEATHER SERVICEMAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Total Control of the
1751+7	PARSTEIN AS GERMANY	74-93	JAV
BTATION	STATION N.WE	TEAR	-
		F3MTA2W JJA	1 33-1470 HOVES (L S T)

COMDITIO

SPEED ENTS DIR	1 / 3	4.4	7 - 10	11 - 16	17 + 21	22 - 27	28 - 33	34 - 40	41 + 47	4	- 55	≥ 56	•	MEAN WIND SPEED
N	•*	. 9											. 1.3.	3,
NNE	• * .	. 5											1.4.	3.
NE .	1.5	1.*	• (• 1							-		3.3	٠.
ENE	2.5	2.4	1.7	.5									7.2	5.
1	1.5	.5	.5	. 5									3.5	6.
ESE	. 4	. 3											. 3	3.
58	•1	.1												3.
55E		.1	.1							•	- 5		. 5	3.
5	• 1	. 5	. 3	. 3									1.3	8.
35W	1.2		. 5	. 3						•			2.4	5.
sw	.5	2.3	3.2	2.4	.1	• 2							8.6	9.
wsw .	1.0	3.8	7.9	8.1	1.3	.1							24.0	10.
w	2.7	2.7	5.0	5.4	. 3	.1							17.5	9.
WNW	. 3	.5	. 4	.1									1.6	5.
NW	.1				.1						- 1			7.
NNW		.2					1						.2	5.
VARSL		• ?	4.5	1.5						•			6.8	13.
CALM	\sim 1	><	><	><	\sim	\times	\sim	\sim	><	\supset	<1	3-5	18.5	
	14.5	15.7	27.5	19.0	2.7					1	-		133.5	6-

TOTAL NUMBER OF OBSERVATIONS

933

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1251+7	RAMSTEIN AS SERMANY	74-83	JAN
8741:0H	STATION NAME	YEARS	MONTH
		ALL HEATHER	1500-1700
		CIAN	HOURS (L S Y)
			These

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	~	MEAN WIND SPEED
×	1.4	1.3	• ?	•								. 2,3.	3.6
NNE	1.1	• 9	• 3									2 • 2	3.6
NE	3.7	1.3	• 2									4.5	3.1
ENE	1.4	2.5	2.5	. 4			•	•				7.3	5.1
€ .	1.3	1.2	. 5	1.1				•	•			3.8	7.0
ESE		•1		•								.1	5.0
SE	• 1	• 1		•			•					• 4	4 . 5
358	• ?	•	• 1	•				•	•			• 3	5 . 6
5	. 4	. 4	. 4	.1			•	•				1.7	5 . 5
ssw	1.2	1.4	. 5	• 3	• 1		•	•	•			3.5	5.7
SW	• 3	2.5	3.5	3.0	. 3	•1	• —		•	•		9.8	9.5
wsw	1.1	3.3	3.4	3.4	1.2	• 2					-	23.5	10.0
w	2.0	4.1	4.7	4.5	. 9	• 3				•		16.6	9.1
WNW	1.2	1.4	• 5	.1						•	•	3.2	4 . 8
NW	• 3	• 5	. 1	•								1.0	4 . 2
NNW	. 4	. 4	• 1							•		1.3	3.6
VARBL			3.9	1.1	. 3							5.2	13.2
CALM	><	$\geq <$	$\geq <$	$\geq \leq$	><		>- (13.2					
	15.5	21.4	27.3	19.1	2.5	. 5						133.0	6.9

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175147	RAASTEIN AB SERMANY	70-33	JAY
POITATE	STATION NAME	76426	
		MERTHER	1:30-2378
		CLASS	HOURS (L S T)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• 5	. 5										1.4.	3.2
NNE	• 3	. 5	. 1									1.5	3.5
NE	1.7	1.3										4.3	3.7
ENE	5.0	2.9	1.7	• 5								7.4	5 . 6
€ '	1.7	1.9	• 8	• 2			•					4.5	4.7
ESE	• ?	•?	•							•		. 4	3.3
SE	•	•		•						•		•	
SSE		• 1		.1			•			•		• 2.	10.5
s	• 3	. 5		.1			•	•				1.5	5.1
ssw	1.0	. 9	. 5	. 4						***		2.5	6.1
sw	1.7	2.3	7.3	3.5	. 5					•		9.5	8.9
wsw	2.3	4.1	7.3	5.5	. 6	• 2						21.0	9.0
w	2.4	4.3	4.4	3.4	1.3	• 1						15.3	8.4
WNW	• 5	• 2	. ?	• 2								1.3	5.3
NW	. 2	•1	-							•			2.7
NNW	• 2	•1								•		• 3	3.3
VARBL	•	•1	3.0	1.7	• 2	•1				•		5.2	10.5
CALM		$\geq \leq$	><	><	\times	\times	\times		><		><	25.5	
	14.9	23.3	23.3	15.6	2.4	. 4						120.2	5.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOPAL CLIMATOLOGY BRANCH JEAFETAC AIR WEATHER SERVECE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74-53 ALL MEATHER 1100-2300

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	•,	MEAN WIND SPEED
N	• 1.	• 2	= 1							E. 6.		1.2.	2.
NNE	. 4	• 3	• 1									. 9	3.1
NE	. 4	• 9	• ?									1.5	4.
ENE	1.7	2.3	1.8	• 2								6.6	5.
E	1.3	1.3	. 4									3.0	4.
ESE													
SE	• ?	•										• 2	1.
SSE	• 2	. 1	• 1									. 4	4 .
\$. 5	. 1	• 1	• 1								1.0	3.
55W	• 2	1.3	.5	• 3	• 1	• 1						2.4	B .
5W	• 5	2.3	2.5	1.3	. 3	• 2				-	_	7.2	8.
wsw	1.5	3.5	5.5	8.5	1.4	. 4		•	•	•		21.1	13.
w "	2.3	4.1	5.5	4.1	• 5			•		•		16.5	В.
WNW "	• 3		•1	• 1					• • • • • • • • • • • • • • • • • • • •			. 5	5.
NW	- 3	• 2	• 1								***	. 6	3.
NNW								i	C-1-200-000				
VARBL		• ?	2.5	. 9	.3							4.3	10.
CALM	≥ 1	$\geq \leq$	> <	><	$\geq \leq$	2	33.1						
	11.3	17.3	19.9	15.6	2.7							120.2	5.

TOTAL NUMBER OF OBSERVATIONS 933

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLORAL CLIMATOLOGY BRANCH USAFETAC ATP WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

77.

1 75143	RAMSICIN AB GERMANY	74-83		JAN
STATION	STATION NAME		YEARS	MONTH
		ALL MEATHER		ALL
		CLASS		HOURS (L B T)
	and the second s	CONDITION		

SPEED (NNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		ALEAN WIND SPEED
N	• 5	• 5	• 1									1.2	3.5
INE	• 5	• 3	. 1									• 9	3.
NE	1.3	1.0	• 3	• 0								2.6	3.9
ENE	1.9	2.5	1.5	• 3								1 5.3	5.
ŧ	1.4	1.2	• 5	• 3								3.4	5.0
ESE	• 2	• 1									•	. 4	3.0
SE	• 1	. 3							1	1		•1	2.9
SSE	. 1	•1	• 1	. 3	.)							• 3	6.0
s	• 3+	. 3	• 2	• 1								.9	5.8
SSW	. 5	.7	. 5	. 3	. 3	• 3						2.2	6.4
SW	. 9	2.2	2.7	2.2	. 3	•1						3.3	8.8
wsw	1.5	4.3	3.1	7.1	1.2	. 3	• 3					22.6	9.7
w	2.3	3.8	5.2	3.8	. 5	• 1						15.8	8.4
WNW	. 9	• 5	. 3	.1								1.5	4 . 8
NW	• 2	•1	. 1		.3				1			. 4	4.1
NNW	• 1	•1										. 3	4.5
VARBL		•1	2.9	1.5	• 2	•1	• 0			<u> </u>		4.9	13.6
CALM		><	$\geq \langle$	><	$\geq \leq$	$\geq \stackrel{\circ}{\leq}$	\geq	$\geq \leq$	><	><	><	27.9	
	12.9	17.8	22.3	15.7	2.3	. 5	. ၁					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7437

SLOBAL SLIMATOLOGY BRANCH JEAFEAG AIR HEAFHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

105140	RANSTEIN AB GERMANY	74-93		FEB
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		J000-0200
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR.	1 . 3	4 · 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• 5											5	2.5
NNE	• 1	• 2										. 4	3.
NE	2.0	3.1	• 1									5.2	3.
ENE	4 - 1	5.8	2.5	• 5								13.0	5.1
E	1.7	2.5	1.1	. 4								5.6	5.1
ESE	• 5											• 5	1.
SE	• 1									1		• 1	2.0
SSE	• 1											• 1	3.1
5	• 2		• 1							1		. 4	4.
SSW	• 2	• 8	• 2	• 1		• 2						1.7	8 . 6
sw	. 4	1.1	1.4	1.2	• 2							4.3	9.
wsw	1.1	1.7	4.7	2.0	.7							10.2	9.
w	. 9	2.6	1.7	• 5								5.7	6.
WNW	. 4	• 2										•6	3.6
NW	• 2						,		1			• 2	2.0
NNW	.4											.4	2.5
VARBL			. 7	.6	• 5					†		1.5	12.5
CALM	>	$\overline{}$	\times	><	>	><	\times	> <	\times	\rightarrow	><	49.6	
	12.9	18.3	12.5	5.2	1.4	• 2					···	100.0	3.

TOTAL N	UMBER	OF	OBSERVATIONS	A	46
					7.0

USAFETAC FORM D-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH JS4TETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4.

105140	RAMSTEIN AB GERMANY	74-83		FEB
STATION	STATION NAME		YEARS	MONTH
		0300-0500		
	<u></u>		HOURS (L S.T.)	
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 · 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	.7											. 7	1.8
NNE	• 5	. 2										• 8	2.7
NE	2 • 1	3.2	. 4							Ţ		5.7	4.1
ENE	2 . R	5.5	2.5	• 2								11.2	5.1
E	2.6	1.9	. 9	• 2						1		5.6	4.3
ESE	- 4									1		.4	2.0
SE	• 5											- 5	1.8
SSE		• 1										• 1	5.0
\$	• 2									1		• 2	2.0
SSW	. 4	• 5	• 2	• 1								1.3	6.0
sw	- 1	• 5	2.0	1.5	• 2	• 1						4.5	10.3
wsw	.7	1.8	5.2	3.0	. 4							11.D	9.0
w	1.4	2.3	2.7	. 4								6.5	6.3
WNW	• 2											•2	1.5
NW				i									
NNW	•?	.1					_					. 4	3.0
VARBL		• 1	1.3	1.1	• 2	• 1						2.8	11.6
CALM	><	\times	><	\times	><	\times	\times	\times	\times	><	> <	48.1	
	13.0	16.1	15.2	5.5	. 8	• 2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RAMSTEIN AB GERMANY	74-83		FEB
STATION NAME		YEARS	MONTH
	ALL WEATHER		0600-0800
	CLASS		HOURS (L 9.7.)
	CONDITION		
		STATION NAME ALL WEATHER CLASS	STATION NAME ALL WEATHER CLASS

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 7	• 2										9	2.5
NNE	• 5	• 5										1.1	3.3
NE	3.4	2.2	. 7							1		5.4	3.7
ENE	2.4	5.6	3.3	• 6								11.8	5.7
E	2.3	1.1	3.	. 4								4 . 3	4 . B
ESE	1.2	. 4						1		1		1.5	2.4
SE	. 4	• 1										. 5	2.5
SSE	. 1	• 1										• 2	3.5
S	- 1	• 1										•2	3.5
ssw	• 1	.7	• 5	•1								1.4	6.8
sw	. 2	1.9	.7	1.1	• 2							4.0	8.6
wsw	. 9	2.5	4.5	3.9	• 6							12.5	9.4
w	1.1	2.6	1.1	• 6	• 1							5.4	6.2
WNW	. 5	• 2										.7	3.0
NW	• 2											1 .2	3.0
NNW												1	
VARBL		• 2	1.5	. 7	• 6							3.1	11.2
CALM	><	><	\times	><	\times	\times	\times	\times	\times	><	> <	45.6	
	13.9	13.4	13.1	7.3	1.5							130.3	3.6

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Total Comments

175140	RAMSTEIN AB GERMANY	74-83	FEB
STATION	STATION NAME	YEARS	MONTH
		3980-1188	
		HOURS (L S.Y.)	
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	• 4	. 4										. 7	3.
NNE	1.9	• 5										2.4	2.
NE	2.2	3.5	. 4									6.1	4 .
ENE	2.7	5.7	7.5									13.9	5.
E	2.7	5.0	1.2	1.1					•			7.0	5.
ESE	• 5	• 2	• 1							1		. 9	3.
SE		• 1	Ì									.1	4.
385	• 5	• 1										• 5	3.
5		• 2	. 4						1			. 6	6.
SSW	.6	.7	.7	. 4								2.4	5.
sw	• 5	1.9	1.5	1.1	. 4	. 4						5.7	9.
wsw	. 9	1.9	3.5	3.7	.7							11.0	9.
w	• 7	2.4	2.4	. 9								6.5	7.
WNW	.7	. 5										1.3	3.
NW		• 2										• 2	4.
NNW												ļi l	
VARBL			3.0	. 9	•1							4.3	9.
CALM	><	> <	><	\times	> <	> <	\times	\times	> <	><	> <	36.4	4-1
	14.7	21.5	17.9	8.D	1.2	. 4						136.3	4.

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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2 SLUBAL CLIMATOLOGY BRANCH JSAFETAC AIR JEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

135143 STATION	RAMSTELV AB GERMANY	7 4 - 8 3	FEB WORTH
		ALL MEATHER	1200-1430 HOURE (L.S.T.)
		· · · · · · · · · · · · · · · · · · ·	NOUNS (L S Y.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	• 8	.7	·									1.5	3.4
NNE	2.2	3.2	• 1									5 . 6	3.9
NE	3 • 1	5.3	1.2									9.6	4 . 5
ENE	2.7	4.5	5.8	• 9								14.1	6 • 5
E	1.9	1.5	2.5	1.4								7.3	7.0
ESE	. 7	. 6	• 1									1.4	3.6
SE	• 1											-1	3.0
SSE	• 5	• 2	_									.7	3.2
5	• 5	. 5	• 2									1.2	4.9
SSW	. 4	.7	1.3	• 2								2.6	7.2
sw	- 5	1.2	2.8	1.2	.7	• 2	•1					5.9	13.0
WSW	1.3	2.1	4.5	2.8	• 8		• 1					12.1	9.4
w	1.9	2.4	3.9	2.0								10.0	7.5
WNW	.9	1.1	• 1	•1								2.2	4.1
NW	• 5	• 1										.6	2.4
NNW	• 1	. 4										• 5	3.5
VARBL	•1		5.3	1.7	•1							6.2	9.5
CALM	><	\times	><	> <	>	\times	$>\!\!<$	> <	\times	><	> <	15.5	
	19.3	24.5	29.1	10.4	1.7	• 2	• 2			7		100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

1

84

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY RRANCH USAFETAC AIR MEATHER SERVICEMMAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 35143	RAMSTEIN AS SERMANY	74-83	FEB
STATION	STATION NAME	YEARS	MONTH
		ALL MEATHER	1500-1700
		CLASS	HOURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	2.4	*	MEAN WIND SPEED
N	1.7	1.2	• 2							i		3.1	3.5
NNE	2.0	4.3	. 7				1					6.7	4.4
NE	3.7	5.9	2.4									12.9	4 - 8
ENE	1.3	4.7	4.1	• 7	• 1					1		11.5	6.4
E	.7	1.4	1.7	1.5								5.6	8.1
ESE	. 4	. 4										. 7	3.7
SE	• 2	.1								1		.4	3.3
SSE	. 4	• 1	. 4									-8	4.4
5	.9	1.2	. 1									2.2	4.3
SSW	.9	1.9	.7	•1								3.7	5.0
SW	1.1	2.1	2.7	1.8	.5							8.2	8.8
WSW	1.7	3.7	4.5	3.4	.7							13.9	8.5
w	1.7	3.0	3.0	1.9	. 4			-				9.8	7.6
WNW	. 4	. 9	. 6	• 6								2.5	7.7
NW	• 5	• 1										.7	2.7
NNW	•6											.6	2.2
VARBL	•?		5.6	1.8								3.6	9.3
CALM		><	><	>	\times	>	\times	\times	\times		> <	8.2	
	19.8	31.7	27.9	11.5	1.7							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

106140	RAMSTEIN AS SERMANY	74-83		FEB
BENTION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1833-2338
		CLASS		HOURS (LST)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• 9	• 5	. 2									1.8	3.5
NNE	2.8	1.1										3.9	3.0
NE	4.3	5 . 6	. 7									10.3	4.3
ENE	4.3	7.3	3.9	• 1								15.8	5.0
Ę	2.2	2.5	1.4	1.2								7.3	5.9
ESE	• 1	• 5						ļ ———				• 6	4.6
SE	. 4	. 4	• 1									- 8	4.6
SSE	• 2	• 2										• 5	3.0
\$	1.3	.7	. 4									2.4	3.6
SSW	1.7	1.3	. 4									3.3	3.9
sw	1.3	1.3	1.5	1.1	• 5							5.8	8.4
wsw	1.2	2.4	2.7	2.1	.7							9.1	8.5
w	1.4	2.5	2.2	• 5	• 1				1			5.7	5.5
WNW	• 5	. 1	. 2									. 9	4.3
NW	• 1											• 1	3.0
NNW	• 1											•1	1.0
VARBL			2.4	1.1	• 2	.1						3.8	11.0
CALM	><	\times	><	><	\times	\times	> <	><	$\supset <$	\rightarrow	\times	26.6	
	23,2	25.0	16.2	6.0	1.7	•1						150.0	4.3

TOTAL NUMBER OF OBSERVATIONS

2

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SLOBAL CLIMATOLOGY BRANCH JEAFETAC AIR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBS:RVATIONS)

135147	RAMSTEIN AB SERMANY	74-83	£3 °
STATION	STATION NAME	76	ARS MONTH
		ALL WEATHER	.100-2300
		CLASS	MOURS (L S T)
	day - role & controlling delectation and a control of the residence	CORDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	. 4	• 1											2.3
NNE	1.4	. 5										2.5	3.1
NE	3.5	2.3	• 5									5.0	3.4
ENE	4.4	5.3	3.1	. 5						•		13.4	5.0
£ ,,	2.1	1.3	. 5	• 5			ı		1			4.5	4.9
ESE	• 5							1				.6	1.4
SE	• 5							1		1		• 5	1.8
SSE	• 1	•1										. 2	3.5
5		• 5	• 1						-	• • • • • • • • • • • • • • • • • • • •		• 6	5.8
SSW	. 5	1.1	1.1	• 2								3.5	6.3
SW	•6	1.4	1.5	• 5	. 4				1			4.4	6.1
wsw	. 7	1.5	1.7	2.6	. 4							6.9	9.6
w	1.3	1.4	1.7	• 2	• 5							4.9	5.5
WNW	• 5	. 2	• 1	• 1								.9	5.3
NW		•										t:	3.3
NNW	. 4	• 1							 			.5	3.3
VARBL	• • •	- • •	1.7	1.1	. 4				-			3.1	11.6
										-		*	1100
CALM	\geq	\geq	\geq	\geq	$\geq \leq$	$\geq \leq$	\geq		\sim	$\geq \leq$	$\geq \leq$	48.3	
	17.0	15.7	12.0	5.9	1.3							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SEDRAL CLIMATOLOGY BRANCH SETTAC ATR MEATHER SERVICEMAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175147	RAMSTEIN AS SERMANY	74-83		FEB
8747108	STATION NAME		TEARS	MONTH
		ALL WEATHER		ALL
		CLASS		HOURS (L B T)
	10 10 10 10 10 10 10 10 10 10 10 10 10 1	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	. 3	, 6	• 1									1.2.	3.2
NNE	1.5	1.3	• 5									2.9	3.6
NE	1.0	4.0	. 9				1					7.8	4.1
ENE	3.2	5.7	3.7	. 5	• 3							13.1	5.5
E	2.0	1.3	1.3	. 8						•		5.9	5.8
ESE	. 5	. 3	• 0							1		• B	2.9
SE	. 3	.1	• 7									.4	3.0
SSE	• 2	. 1	• 3							1		. 4	3.6
5	. 4	. 4	• 2									1.3	4.4
55W	• 5	1.0	• 5	• 2		• 7						2.4	6.0
SW	• 5	1.4	1.9	1.2	. 4	• 1	• 0					5.5	9.1
WSW	1.1	2.2	4.3	2.9	.6		• 3					10.8	9.1
w	1.3	2.3	2.3	. 9	.1							7.0	6.9
WNW	• 5	. 4	• 1	• 1								1.2	4.9
NW	• 2	• 1										• 3	2.8
NNW	• 2	.1										• 3	2.7
VARBL	• 3	• 3	2.9	1.1	• 3	• 3						4.4	10.2
CALM	><	><	><	><	\times	><	\times	> <	$\supset \subset$		\times	34.8	
	15.5	21.5	18.0	7.7	1.4	. 1	• 3					133.3	4.2

TOTAL NUMBER OF OBSERVATIONS 6767

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLORAL CLIMATOLOGY BRANCH D'AFETAC AIR MEATHFR SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175147	RAMSTEIN AS BERMANY	74-93		MAR
STATION	STATION NaME		YEARS	-
		ALL HEATHER		002 0-02 00
		CLASO.		HOURS (L B T)

SPEED KNTS DIR	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• 3	. 5										. 9	3.6
NNE	• 9	• 2										1.0	2.4
NE	1.7	1.2	• 2	• 1								3 • 2	3.9
ENE	• 9	2.7	. 9	• 1								4.4	5.0
E	1.8	. 5	. 1	1								2.6	2.8
ESE	• 8	.1						1	1			. 9	2.3
SE		• 2		,				1	7.1			•2	6.0
SSE	. 2									1		• 2	3.0
5	• 3	• 3	• 2									. 9	4.8
55W	• 5	. 3	• 5	• 1								1.9	5 . 3
sw	1.0	2.0	1.3	2.2	. 5							7.6	9.2
WSW	1.6	3.5	5.0	3.1	. 5	•1						15.1	8.5
w	2.5	4.2	1.4	1.4	• 2	• 1					Transaction of the second	9.8	6.4
WNW	1.4	• ?		• 1								1.7	3.3
NW	• ?	• 2										. 4	3.3
NNW	• 1	.1	i	1								. 2	2.5
VARBL		• 1	1.3	. 9								2.3	10.1
CALM		\times	><	><	> <	\times	\times	\times	\searrow		><	45.7	
	14.1	17.1	12.4	9.0	1.5	.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 9.29

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

- 4

SLUBAL CLIMATOLOGY BRANCH BLAFETAD ALP WEATHER SERVICEMMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 251 4 2	RAMSTEIN AB BERMANY	74-83	MAR
STATION	STATION NAME	75.00	W041W
		ALL MEATHER	0130-0500
	and the street of the street o	HOURS (L B T)	
		COMBITION	

SPEED (KNTS) DIR	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• 2	. 4	• 3									1.0.	5.
NNE	. 4	• 3										• 5	3.0
NE	1.6	1.4	. 4									3.4	4 .
ENE	1.1	2.3	. 7	• 1								4 . 3	5.
E	1.2	. 5	• 1									1.7	3 . :
ESE	.1	• 2										• 3	3.
SE	• 2											• 2	2.0
SSE	• 2											• 2	2 . !
S	• 2	. 4	• 1									• 8	4.9
SSW	. 4	. 5	• 5	• 1				1				1.7	6
sw	1.3	2.4	2.7	1.7	. 3	• 1						8.5	8
wsw	1.9	3.9	5.5	3.0	. 9							15.5	8.1
w	2.0	2.9	2.5	1.3	• 5	• 1						9.4	7.
WNW	. 3	1.3	• 2									1.5	4 . 3
NW	• 5	•1										. 6	3 . (
NNW	• ?		• 1									• 3	4
VARBL			1.2	• 3		• 1						1.5	10.1
CALM	><	><	> <	$\geq <$	\times	$\geq \leq$	$\geq \leq$	><	><	><	><	47.3	
	12.0	15.6	15.9	5.6	1.7	. 3						100.0	3.

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SEDBAL DEIMATOLOSY BRANCH SAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RAMSTEIN AB GERMANY	74-83	442
BTATION	STATION NAME	YEARS	MONTH
	ALL #	EATHER	0:00-0800
		AM	HOUSE (L S T)

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	40 - 55	≥ 56	•	MEAN VIND SPEED
N	. +	. 4					11 (3.5
NNE	• 3	. 4	. 2									1.3	4.
NE	1.3	1.3	• 5					1				3.1	4 .
ENE	1.3	2.4	1.1	1								4.7	5.
Ę	2.3	1.3	. 1				1		1			3.4	3.
ESE		. 1					1.		1			• 9	2.
SE		• 2					1			•		• 2	4.1
SSE	1	-					1	1		1		,	
5	• 2	.1	•1									. 4	4.
55W	.5	1.1	• 1					1				1.8	4.
SW	.9	2.5	3.3	1.5	•1							8.3	5.
wsw	1.7	4.7	4.9	4.4	• 2							15.9	8.
w	2.4	1.9	2.7	1.9	. 4							9.5	7.
WNW	•5	. 4	•1		•1							1.3	5.
NW	. 4						†						2.
NNW	.1	• 2	•1									.4	5.
VARBL		• 1	1.3	1.1	• 2	•1				ii		2.8	11.
CALM	\times	> <	><	><	$\geq \leq$	\geq	\times	><	><	><	\times	44.5	
300	13.1	16.9	15.2	8.9	1.1	.1						ם.מכו	3.

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL+A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLURAL CLIMATOLOGY RRANCH USAFETAC ATT DEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10:1+0	RAMSTEIN AB SERMANY	74-83		- 442
STATION	STATION NAME		TEADS	MONTH
		ALL MEATHER		2905-1100
		CLASS		HOUSE (L S T)
		2010.0.0		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	5.	. 3	. 3									1.2.	5.0
HNE	. 9	. 9										1.6	3.5
NE	1.4	1.9										3.5	4 . 1
ENE	2.2	3.4	2.7	. 4								5.1	5.4
E	1.3	1.3	. >	• 1								3 - 8	5.2
ESE	. 8	• 1										. 9	1.5
SE	• ? !											• 2	2.5
SSE	. 21	1	1									• 2	1.0
5	. 4	.5	• 5					t				1.5	4.5
SSW	.5	. 9	. 5	• 1	.1							2.2	6.6
SW	1.1	2.9	2.5	3.2	. 4	• 1		1			****	10.5	3.7
WSW	1.9	4.5	7.4	4.5	. 5							13.9	8.7
w	2.7	2.6	4.3	2.2	. 9							12.3	7.7
WNW	1.1		•?							1		1.3	3.3
NW	. 7			1								•2	2.5
NNW	• 21	• 2										- 4	3.5
VARBL	.1	.1	3.3	1.1	. 3	• 1						5.1	10.0
CALM		><	> <	><	><	> <	>	><	\times		><	25.2	
	15.3	23.3	22.4	11.7	2.3	. 2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-A | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY RRANCH JEAFEAC ATR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RAMSTELV AS SERMANY	74-93		MAR
STATION	STATION NAME		B047H	
		ALL WEATHER		1700-1400
		CL446		HOURS (L S T)
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.0	1.3				T.						. 3.4.	3.5
NNE	1.3	1.8	• 3									4.0	4.0
NE	1.7	2.5	• 5	• 2								5.2	4.5
ENE	2.3	3.3	1.5	• 5								7.5	5.6
E	1.2	1.5	1.5	. 8								4.9	5.7
ESE		• 2			• 1			1		1		• 3	9.5
SE	. 3	• 1										.4	2.3
SSE	• 1	• 2	• 1									. 4	4.8
S	• 3	. 9	• 3									1.5	5.1
SSW	.6	1.8	• 5	• 3	•1			1	;			3.5	6.3
SW	1.3	2.3	4.5	3.7	. 9	• 5						13.0	10.3
wsw	1.2	2.5	7.3	5.7	. 9	. 4						18.1	10.1
w	1.7	3.4	5.1	2.7	1.4	• 1						14.4	5.9
WNW	• 9	1.4	• 3	• 1								2.7	4.5
NW	.5	• 2										• 8	2.9
NNW	• 3	. 5	• ?									1.2	4.5
VARBL		.1	9.3	2.5	• 2		1					11.1	9.4
CALM		><	\times	\times	><	> <	\times	\times	> <	><	> <	7.5	
	15.7	24.4	31.2	16.5	3.5	1.2					maker 1 to 1 to 1 to 1	100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

A Remarks

3.33AL CLIMATOLOGY BRANCH JIAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175147	RAMSTEIN AB GERMANY	74-83	MAR
STATION	STATION NAME	TEARS	MONTH
		ALL WEATHER	1500-1700
		CLA95	HOURS (L.S.T.)
		COMDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 3	, 5										1.5	3.3
NNE	2.2	2.2	. 4									4.7	4 . 2
NE	1.2	2.9	. 5	• 2								4.9	5.1
ENE	• 8	2.0	2.2	. 4	.1				1			5.5	6.9
E	. 5	1.2	1.7	. 5								4.3	7.5
ESE	3		• 1							1		. 4	3.8
SE		• 3										• 3	5.3
SSE	.1	• 3	• 1									5	4.8
S	. 9	. 9	. 9					1				2.5	4.9
55W	1.4	2.3	1.7									5.2	5.2
sw	• 3	2.4	3.7	3.8	• 5	•1		1	1			11.2	13.0
wsw	1.0	2.9	5.9	6.7	1.5	• 3						18.2	10.6
w	1.9	4.4	5.7	3.7	1.2	• 1						16.9	8.7
WNW	• 5	2.2	1.0	. 3								4.0	6.2
NW	• 5	. 4	. 1									1.1	4.2
NNW	• 5	. 9										1.3	3.9
VARBL		• 1	9.3	2.6	. 4							12.9	9.5
CALM	$\supset <$			\times	><	> <	\times	> <	\times		><	4.6	300
	13.4	25.5	33.5	18.4	3.8	. 5						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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BEDBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

105147	RAMSTEIN AB GERMANY	74-83	MAR
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1300-2000
		CLASS	HOURS (L S T.)
		CONDITION	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.2	• 6										1.8	3.3
NNE	1.3	1.2	. 1	i						0		2.6	3.3
NE	2.7	3.1	• 3									6.1	3.8
ENE	2.6	3.4	2.?	•1								8.3	5.1
E	1.0	1.0	1.5	• 3								3.9	6.5
ESE	• 2	• 3						i				• 5	3.6
SE	• 5	• 2										. 8	3.1
SSE	. 4	. 5								1		1.1	3.6
S	1.1	1.1	. 4									2.5	4.2
ssw	1.5	3.1	1.0	• 2								5.8	4.9
sw	- 8	2.5	2.7	2.4	• 3	• 3						9.5	9.3
wsw	2.5	4.1	4.2	3.3	. 9	• 5						15.2	8.5
w	3.7	4.4	4.4	3.0	. 4							15.9	7.2
WNW	1.7	• 5	• 3	• 1					-			2.7	3.8
NW	• 5	• 2										8.	3.0
NNW	• 2	. 4										.6	3.8
VARBL		•1	3.3	1.1	.1							4.6	9.8
CALM	><		><	><	><	> <	> <	> <	> <		><	17.7	
	21.8	27.1	23.5	10.2	1.7	, 9						130.3	5.4

TOTAL NUMBER OF OBSERVATIONS 930

USA:FETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DEDRAL DEIMATOLOGY BRANCH USAFITAC ATR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

105140	RAMSTEIN AB GERMANY	74-93	MAR
STATION	STATION NAME	YEARS	номун
		ALL WEATHER	2100-2300
		CLASS	HOURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	. 4	• 1								ŀ		• 5	2.4
NNE	1.9	• 2										2.2	2.4
NE	2.7	1.2	• 2	• 1								3.5	3.7
ENE	3 - 4	1.9	1.7									7.1	4.5
Ę	• 9	1.5	•1									1.9	3.4
ESE	• 2									1		.2	1.5
SE	. 4											. 4	2.3
SSE	• 1	.1	• 2									. 4	6.8
\$. 9	• 5	• 3									1.7	3.8
ssw	• 5	1.5	. 5	• 3								3.1	6.0
SW	1.1	2.4	1.9	1.4	• 2	• 5	.1					7.5	9.4
wsw	1.7	2.3	4.9	2.8	.5	• 1						12.9	8.3
w	2.5	3.2	2.2	1.2	• 2	• 1						9.4	6.6
WNW	• 5	• 5	• 1									1.3	3.7
NW	• 1	• 2										- 3	4.0
NNW	• ?		• 1									• 3	3.7
VARSL	• 1		2.2	1.1	•2							3.5	16.4
CALM		><				> <	\times	> <	><	>	> <	43.4	
	17.1	15.9	14.6	6.9	1.2	. 3	•1		*			100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 230.

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM -OE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RAMSTEIN AB SERMANY	74-93	MAR
STATION	STATION NAME	TEARS	MONTH
		ALL MEATHER	ALL
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	.7	• 5	.1									1.4	3.7
NNE	1.2	. 9	• l									2 • 2	3.6
NE	1.7	1.9	. 4	• 1								4.1	4.2
ENE	1.8	2.7	1.5	• 2	. 3							6.2	5.3
E	1.2	1.1	. 3	• 2								3.3	5.3
ESE	. 4	•1	. 3		• 3							- 6	3.0
SE	• 2	.1										• 3	3.3
SSE	• 2	. 2	• 1									. 4	4.1
5	• 5	. 5	• 3									1.5	4.6
SSW	• 5	1.5	.7	•1	. 0							3.2	5.5
5W	1.0	2.4	3.7	2.5	. 4	• 2	. 0					9.5	9.2
wsw	1.7	3.5	5.7	4.2	• B	• 2						16.3	9.D
٧٠	2.4	3.4	3.5	7.2	.7	• 1						12.2	7.7
WNW	• 9	• 8	• 3	•								2.1	4.5
NW	. 4	• 2	• 0		3		-					-6	3.3
NNW	• 2	. 3	• 1									.6	4.1
VARBL	• 3	•1	3.3	1.3	• 2	• 3			-			5.5	9.8
CALM	><	><	><	\times	\times	><	> <	><	$\supset <$	><	> <	33.3	
	15.3	23.4	23.7	13.9	2.1	. 5	.3					130.3	5.1

TOTAL NUMBER OF OBSERVATIONS

7439

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4//

BLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

136143	RAMSTEIN AS SERMANY	74-83	APR
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	_0000-0200
	•	CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 9	• 2	. 1									1.1	3.6
NNE	1.3	. 4	311						I			1.8	2.6
NE	1 - 1	1.1	• 2									2.4	4 . 0
ENE	2.2	2.1	. 9	. 4								5.7	4.7
E	1.3	• 2										1.5	2.3
ESE	1.0	• 2										1.2	2.3
SE	• 1									i		•1	1.5
SSE							-						
5	. 4	-1								1		.6	2.4
SSW	•6	• 3	• 3		• 2							1.4	6.5
sw	. 4	.9	.7	. 6								2.6	7.2
wsw	1.6	4.3	1.2	. 7								8.0	5 . 7
w	3.9	2.7	1.3	• 3								8.2	4.4
WNW	1.2	•1	•1									1.4	2.5
NW	.7											.7	2.3
NNW	1.1	•1	• 1						<u> </u>			1.3	2.5
VARBL		•1	• 3	. 4	-1							1.4	10.3
										—	<	60.4	1,000
CALM			\sim		\sim	\leq					\leq	00.4	
	17.8	12.7	5.3	2.4	. 3							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

105140	RAMSTEIN AB BERMANY	74-83	APR
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0300-0500
		CLASS	HOURS (L S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	. *	MEAN WIND SPEED
N	. 9	. 4	• 1							1		1.3	3,5
NNE	• 8		• 1									. 9	3.0
NE	1.7	1.0										2.7	3.1
ENE	1.4	1.4	1.1									4.0	4.7
E	2.2	• 2	• 1									2.5	2 • 3
ESE	. 9											. 9	1.5
SE	• 1						1					-1	2.0
SSE	• 1											• 1	2.0
5	• 1											• 1	1.0
ssw	• 1	• 1	. 4									.7	6.7
sw	• 5	1.3	1.1	. 4	• 1							3.2	7.0
wsw	1.5	2.4	4.1	1.2	. 3							9.7	7.2
w	3.1	3.1	1.5	.1	-							7.9	4 . 4
WNW	1.3	. 3										1.7	2.6
NW	• 5											• 5	2.2
NNW	• 2	• 2										. 4	3.3
VARBL		• 2	.7	• 2	•1	• 1						1.3	11.7
CALM	\times	>	><	\times	> <	\times	><	><	\times	><	> <	61.9	
	15.6	13.6	9.3	2.0	. 6	• 1						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL+A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175143	RAMSTEIN AB GERMANY	74-83		Ap?
STATION	STATION NAME		YEARS	MONTH
		ALL HEATHER		3600-0800
	***************************************	CLASS	HOURS (L S.T.)	
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	40 - 55	≥ 56	•	MEAN WIND SPEED
N	. 9	. 4					1					1.3	3.
NNE	• 3	• 1										. 9	2.
NE	• 5	1.2	• 1					İ				1.9	4.
ENE	. 9	1.1	• 3	• 1								3.0	5.
E	2.3	. 7	. 4				1					3.4	3.:
ESE	• 3	• 1						1				. 9	2.
SE	• 1						:			1		• 1	1.
SSE	• 3											3	1.
5	• 1		• 1							1		• 2	4.
ssw	• 1	-1	• ?									. 4	5 .
SW	.7	1.3	2.0	1.2								5.2	7.
wsw	1.7	3.5	4.1	1.0	• 2							10.6	6.
w	2.4	1.9	1.4	•1	• 1							5.9	5.
WNW	. 7	• 1		• 2			-					1.0	4.
NW	• 3	• 2								1		.6	3.1
NNW	•1	.3				· · · · · · · · · · · · · · · · · · ·						1 .4	3.
VARBL			1.2	. 4	• 1					i -		1.8	10.
CALM	><	><				> <	> <	> <	> <	\sim	><	52.0	
	12.3	11.1	13.5	3.1	. 4							130.3	2.

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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BLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

105140	RAMSTEIN AB GERMANY	74-83		APR
BTATION	STATION NAME		TEADS	MONTH
		ALL WEATHER		0930-1100
		CLA98		HOURS (L S T)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.3	1.7	• 2									3.1.	4.
NNE	1.7	1.9	• ?									3.7	3.7
NE	2.4	4.5	• 3	• 1					//			7.9	4 . 5
ENE	2.5	5.8	1.9	. 9								11.0	5 . 6
E	2.5	2.7	• 3	• 2								5.6	4.4
ESE	. 9	. 8										1.7	3.3
SE	• 2	• 1	• 1									. 4	4 . 5
SSE	• 3											. 3	2.0
5	• 2	• 2	• 1									. 5	4 . 4
SSW	. 4	• 5	• 2									1.2	4.5
sw	. 4	2.0	1.3	. 9								4 . 7	7.4
wsw	1.3	3.1	5.3	3.1						1		13.3	8 - 1
w	3.3	3.1	3.2	1.0	• 1							10.8	6.0
WNW	1.0	1.3	• 1									2.1	3.7
NW	. 3	• 3	• 1									. 6	4.1
NNW	. 4	.7										1.4	3.5
VARBL		•1	5.7	1.2								7.2	8.8
CALM	><	\times	><	> <	\times	\times	\times	\times	\times	\times	> <	23.2	
	19.8	29.7	23.8	7,4	•1							100.0	4 . 6

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 .OL-A | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUDBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 351+3	RAMSIEIN AS SERMANY	74-83	"EADS	APR
2		ALL MEATHER		1233-1430 HOURS (CST)
		CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	2.7	2.3	. 3									5.8	3.6
NNE	2.3	3.2	. 5									6.1	4 . 3
NE	1.3	3.4	. 7	.1								6.0	5 . 0
ENE	1.4	3.4	2.7	.7					1			E . 2	6.
E	. 9	1.7	1.5	. 6			•					4.7	6.9
ESE	.1	. 9	. 4	• 2		_						1.5	7.1
SE	. 7	• 1	• 3									.8	5.0
SSE	• 2	• 2	• 1							-		• 6	5.2
5	. 4	1.1	• 2									1.8	4 . 6
SSW	. 4	. 9	. 7	.1		•1						2.2	6.8
sw	. 4	1.8	1.5	. 9	•1		.1					4.9	8 . 5
WSV/	. 9	2.7	4.2	2.9	• 2							13.9	8.7
w	1.7	3.3	5.1	2.5	.3							13.0	8.1
WNW	. 9	1.7	1.0	.1								3.7	5.6
NW	1.1	1.1	• 2							-		2.4	4.1
NNW	1.2	1.3	• 2									2.8	3.8
VARBL		. 4	15.3	4.5	.3							21.1	9.3
CALM	><	><	$\geq <$	$\geq \leq$	><	$\geq \leq$	\times	\geq	\times	><	\times	3.4	
	16.9	33.0	35.7	12.7	1.0	• 1	•1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 8 9 0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOSY ARANCH JEAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175143	RAMSTEIN AS GERMANY	74-83		APR
STATION	STATION NAME		TEADS	MONTH
		ALL BEATHER		1500-1700
		CLASS		HOURS (L S T)
	and the same of th			

SPEED (KNTS) DIR.	1 · 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	2.0 €	2.9	• ?	•1								5.2	3.3
NNE	1.9	2.2	• 3									4.4	4.1
NE	1.7	3.4	.7	• 3				10				6.1	5.1
ENE	1.3	3.9	2.9	. 5								8.2	6.4
E	. 4	2.5	2.7	. 4								5.4	6.8
ESE	. 3	. 7	1.7	• 1						•		2.3	6.2
SE	• 1	• 2		1								• 3	3.7
SSE	. 3	(•?					•		•		. 6	4.4
S	. 5	1.1	. 2					•		•		2.1	4.6
55W	1.3	. 5	.7	• 1				1				2.3	5.2
5W	. 9	2.2	2.2	. 9	• 2			l				6.4	7.7
wsw	. 9	2.5	3.2	2.9	• 3							9.8	8.6
w	1.1	2.9	5.2	2.5	. 3	• 1						13.2	8.6
WNW	. 4	1.4	1.6	. 1								3.6	6.6
NW	.7	1.1	. 3									2.1	4.6
NNW	2.2	.9	. 4									3.6	3.5
VARBL		. 4	15.7	4.7	. 3	• 2						21.3	9.4
CALM		\times	><	><	\times	\times	\times	\times	><	\times	><	2.1	
	16.4	29.3	37.8	12.8	1.2	. 3			7			100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR, WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

105140	RAMSTEIN AB GERMANY	74-83	APR
STATION	STATION HAME	YEARS	MONTH
		ALL DEATHER	1 2 3 5 - 2 3 5 3 mouse (L 5 T)
	-	CONDITION	_

SPEED (KNTS) DIR	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	2.7	2.5	. 4	•1								5 . E	4.7
NNE	1.9	2.7	• 1			i						4.7	3.7
NE	4.7	3.3	1 • 3	• 2					1/1			13.0	4.2
ENE	1.2	4.2	2.4	. 5		1	1					5.4	6.1
E	2.3	2.3	2.5	. 4			1					7.7	5.6
ESE	• 3	1.1	• 3					1	†			1.9	5.3
SE	• 3	•1	• 2								•	.7	4.0
SSE	. 7	.7					,				•	1.3	3.3
5	. 0	. 4	• 1									1.4	3.6
ssw	.7	1.2	. 9	.1								2.9	5 . 6
sw	. 3	1.9	1.4	. 3								4.3	6.6
WSW	1.7	2.5	3.9	2.1								10.2	7.6
w	1.5	4.4	4.2	1.3	• 2	.1						11.9	7.2
WNW	1.5	1.9	. 7	• 3								4.7	5.0
NW	.9	1.2		• 1								2.2	4.5
NNW	1.2	1.3	• 3	• 1								2.7	4 . 6
VARBL		• 2	7.9	1.3								9.4	8 • 6
CALM	><	\times		\times	>	\times	\times	\times	\times	><	><	9.9	- 5-7.5
	23.3	32.2	27.1	7.1	• 2	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY PRANCH JEAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

(T).

1351+7	RAMSTEIN AS GERMANY	74-83		APP
STATION	STATION NAME		YEADS	MONTH
		ALL BEATHER		2100-2300
		CLASS		HOUSE (L B T)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.5	. 9	• 2							-		2.7.	3.5
NNE	2 • 1	1.1										3.2	3.0
NE	2.3	1.5	• 5									4.4	3.8
ENE	2.3	1.3	. 4	• 1								4.2	4.6
E	2.3	.7										2.7	2.9
ESE	1.1	1			,							1.1	1.7
SE	.7	•1							1			. 6	2.3
SSE	•1						1					• 1	1.0
5	.1	• 5	• 1				!					. 5	5.0
55W	. 9	• 5	• 6		• 2			1				2.1	6.4
sw	1.7	1.1	• 5		. 2							2.9	5.8
wsw	1.7	3.9	1.3	1.1								8.3	5.2
w	3.9	2.5	1.7	• 2								8.4	4.4
WNW	1.7	1.1	• 1		-							2.9	3.1
NW	. 9	•2										1.1	2.7
NNW	• 3	.7										1.0	4.3
VARBL		•1	1.2	. 3								1.7	8.7
CALM	><	\times	> <	$\geq <$	$\geq <$	\times	\times	\geq	\times	><	><	51.6	
	22.1	15.6	7.5	1.8	. 4							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 9.31

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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JEDBAL CLIMATOLOGY BRANCH JSAFETAC AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.7

135143	RAMSTEIN AS SERMANY	74-93	YEARS	AP?
	***************************************			2011
		ALL WEATHER		ALL
		CLASS		HOURS (L S T)
		COMPLTION		

SFEED (KN15) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.5.	1.5	. ?			1						3.4.	3.8
NNE	1.5	1.4	• 5									3.2	3.7
NE	2.3	2.5	• 5	• 1								5.2	4 . 4
ENE	1.5	2.9	1.7	. 4								6.6	5.7
Ε	1.0	1.4	. 7	• 2						•		4 - 3	4 . 9
ESE	. 7	• 5	• 2	•)					•			1.4	4.2
SE	• 3	.1	• 1					•	•	••••		. 4	3.6
SSE	. 7	• 1	•)							• • • • • • • • • • • • • • • • • • • •		. 4	3.4
5	. 4	. 4	• 1						•			. 9	4 . 2
SSW	• 5	• 5	• 5	• 2	• 1	. 3						1.7	6.3
SW	. 7	1.5	1.4	.7	•1		.0			•		4.3	7.4
wsw	1.4	3.1	3.5	1.9	•1					1		10.1	7.5
w	2.6	3.0	3.1	1.0	.1				1			9.9	5.4
WNW	1.1	1.0	• 5	•1			-			•		2.6	4.6
NW	. 7	. 5	•1	. 0			-			i i		1.3	3.9
NNW	. 3	.7	.1	• 0						·		1.7	3.7
VARBL		. 2	6.1	1.7	.1	• 3				1		5.2	9.3
CALM	\rightarrow	$\geq \leq$	> <	\geq	><	><	> 1	34.3					
	19.1	21.4	19.4	6.2	. 5	• 1	• ၁					100.3	4 . 0

TOTAL NUMBER OF OBSERVATIONS 7198

 $\label{eq:USAFETAC} \begin{array}{c} \text{FORM} \\ \text{JUL 64} \\ \end{array} 0 \text{-8-5} \\ \text{ (OL-A)} \\ \text{ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE}$

SLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- C.

135143	RAMSTEIN AB GERMANY	74-83	444
STATION	STATION NAME	TEAAS	MONTH
		ALL HEATHER	<u> </u>
		CLASS	HOURS (L S T)
		CONDITION	

SPEED (RNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• 2	• 1										. 3	2.7
NNE	. 4											. 4	2.0
NE	1.5	• 2								,		1.7	2.3
ENE	1.7	1.8	. 5	- 1			•					4.2	4.4
E	2.7	. 6	. 1			1				1		3.4	2.6
ESE	. 7	• 1										1.3	2.1
SE	• 1											• 1	3.0
SSE	• 2		. 1									• 3	3.3
s	. 4	• 1	• 1									. 6	3.5
SSW	. 9	1.3	. 4	• 1								2.3	4.9
SW	. 9	1.0	. 9									2.5	4.9
wsw	1.7	3.3	1.4	• 2								6.7	5.3
w	3.3	3.7	2.7	. 1								9.1	4.7
WNW	1.1	. 4										1.5	3.0
NW	• 3	. 1										. 4	2.5
NNW	• 1	• 3										. 4	4.3
VARBL			1.4	• 2								1.6	8.9
CALM	><	><	\times	><	> <	><	><	><	><	><	><	63.3	
	15.2	12.3	5.9	. 8								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC JUL 44 0-8-5 (OL-A - PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH JEAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 751+3	RAMSTEIN AB GERMANY	74-83		MAY
STATION	STATION NAME		YEARS	MONTH
		ALL MEATHER		3 500 - 0 500 HOURS (L.E.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• 5	• 3							l li				2.
NNE	. 4	• 1		1								• 5	2.
NE	. 4	• 2	• 1							į		. 5	3.
ENE	1.9	2.0	. 7						1			4 - 6	4 .
E	2.5	. 4	• 1									3.0	2.
ESE	1.3	• 2										1.2	2.
SE	• 1											-1	1.
SSE	-			• 1								• 1	11.
S	• ?	.5								1		• 8	3.
SSW	• 2	• 5	• 1	• 1								1.1	6.
sw	• 0	1.7	. 5	• 2								3.3	5.
wsw	2.3	4.1	1.4	• 3								8.1	5.
w	4.2	2.5	1.9	. 5								9.1	4.
WNW	1.3	• 2										1.5	2.
NW	• 5											. 5	1.
NNW	- 8												1.
VARBL			.5									. 6	3.
CALM	\times	>			> <		>	>	\times	><1	><	62.6	
	17.2	13.0	5.7	1.3								100.0	1.

TOTAL NUMBER OF OBSERVATIONS 937

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

M. Street and Street

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

106140	RAMSTEIN AB SERMANY	74-83		MAY
STATION	STATION NAME		YEARS	MONTH
		ALL MEATHER		0600-0800
		CLASS		HOURS (L S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 · 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
N	• 5	. 5	.1	¹						1 -		1.2	4.0
NNE	• 6	. 4					i .					1.1	3.3
NE	. 9	• 5										1.4	3.0
ENE	1.7	2.3	. 5			1				İ		4.6	4 . 5
E	3.2	1.7		. 1								5.3	3.1
ESE	1.1	. 4							1			1.5	2.6
SE	• 1					·				1		•1	1.0
SSE									1				
s	• 3	. 1										3.	3.9
ssw	• 5	1.1	. 5		***********							2.2	4.7
sw	1.4	2.3	1.1	• 1								4.8	5.2
wsw	1.6	3.5	3.1	. 4								3.7	
w	3.5	2.0	1.9	• 5								8.2	5 • 3
WNW	. 0	. 3	.1									1.3	3.3
NW	•1	•1										•2	3.0
NNW	• 2											• 2	1.5
VARBL			1.3		• 1	 						1.4	9.2
CALM	>	\times		><	\geq	\times	\times	>>	\geq		><	57.1	
	15.3	15.9	3.5	1.3	•1					7 = 7		100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH JEAFETAC AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- 130

175147	RAMSTEIN AB GERMANY	74-93		MAY
STATION	STATION NAME		TEADS	MONTH
		ALL WEATHER		5900-1100
		CLASS		HOURS (L S.T.)
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
N	1.7	1.3										3.3.	3.
NNE	• 3	2.0	. 3									3.1	4
NE	2.3	2.5	. 5	• 1						i		5.5	4
ENE	4.3	5.3	2.0									12.7	5
E ;	3.2	1.2	1.3	. 8								6.1	4
ESE	• 5	• 2	• 1									. 9	4
SE	. 2	. 1								1		• 3	4
SSE	• 3	• 2										• 5	3
5	• 5	. 3										. 9	3
SSW	. 4	1.1	1.4							1		2.9	6
sw	• 5	2.6	3.1	. 4								6.7	7
wsw	2.4	3.9	3.4	1.2								10.9	6
w	4.7	4.3	3.5	2.8	•1							14.7	6
WNW	1.7	. 6	• 1									1.7	3
NW	1.1	.1										1.2	2
NNW	-8	. 4	•1									1.3	3
VARBL		•1	5.7	2.7	• 2							9.7	9
CALM			><			\times	><	>		><	><	18.0	
	23.7	27.3	22.5	9.3	. 3							130.0	1,

TOTAL NUMBER OF OBSERVATIONS

 $\label{eq:USAFETAC} \textbf{USAFETAC} = \frac{\text{FORM}}{\text{JUL-64}} \cdot 0\text{-8-5} \cdot (\text{OL-A}) \cdot \text{PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE}$

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BLOBAL CIIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1351+7	RAMSTEIN AB SERMANY	74-93	MAY
STATION	STATION NAME	TEARS	MONTH
	•	ALL WEATHER	1200-1400
		CLASS	HOURS (L.S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.3	2.2	• 2									4.6	3.7
NNE	2 • 3	1.9	. ?				•					4.4	3.8
NE	1.5	3 - 4	• 1			1						5.1	4.2
ENE	1.3	3.3	1.5	. 3								6.5	5.8
E	1.0	1.8	1.2	. 3				1			-	4.7	6.7
ESE	1 . 3				-							.9	5.1
SE	. 5	• 2	• 2	• 1								1.1	5.1
SSE	. 5		• 1	• 1								1.4	4.2
s	.5		• 5		· · · · · · · · · · · · · · · · · · ·							2.7	5.2
SSW	. 5	2.5	1.1	• 2								4.6	5.7
SW	. 9	3.2	2.3									7.6	7.3
wsw	1.7	4.6	4.9	1.0					<u> </u>			11.5	6.9
w	2.3	4.4	4.3	1.9	• 3				 	 		13.4	7.3
WNW	1.5	1.5	. 4	•1					i ———			3.5	4.4
NW	• 3	. 5										.9	3.8
NNW	- 5	• 5	• 1							-		1.3	4.1
VARBL		• 2	15.7	5 • 5	. 8							22.2	9.8
CALM					$\geq \ddot{}$	>	>		><		> <	3.7	7.00
	19.1	32.9	32.3	11.5	1.1							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1351+3	RAMSTEIN AB GERMANY	74-83		MAY
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1500-1700
		CLA98		HOURS (L S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 · 40	41 · 47	48 - 55	≥.56	*	MEAN WIND SPEED
N	1.2	2.3	. 1							1		3.5	4.4
NNE	1.7	2.2	• ?									4 - 3	3 . 8
NE	1.5	2.9	• 2									4.5	4.3
ENE	1.1	3.2	1.3	. 4								6.0	5.9
E	1.0	2.5	1.5	1.0						1		6.1	6.9
ESE	• 5	. 3	. 9	. 3								1.9	5.5
SE	• 2	• 5										.9	4 . 3
SSE	• 2	. 6	. 2									1.1	4.7
S	1.9	1.2	. 3					1				3.3	3.8
SSW	1.2	1.9	1.3	• 2								4.5	5.7
SW	1.2	2.9	3.0	. 8								7.8	5.7
wsw	1.5	3.8	4.7	1.9	• 1							12.0	7.5
W	1.2	3.9	5.1	2.5	. 5				!			13.1	8.2
WNW	1.5	1.4	. 3	.1	•1					1		3.9	5.3
NW	• 5	. 4	. 3									1.4	4.7
NNW	1.1	. 9								· -		1.9	3.4
VARBL		• 3	14.5	6.5						1		21.3	
CALM	><	\times	\times	\times	> <	><	\times	><	\times		><	2.2	
	17.7	31.3	34.4	13.7	. 3						Million and	120.0	5.8

TOTAL NUMBER OF OBSERVATIONS

USAFETAC | FORM | 0-8-5 | OL-A | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH Usafetac Air Weather Service/Mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1351+3	RAMSTEIN AS SERMANY	74-33	—————————————————————————————————————
STATION	STATION NAME	YEARS	MONTH
		ALL NEATHER	1800-2000
		CLASS	HOURS (L S T.)
		COMPLTION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	7.5	1.3	• 1							ŀ		3.7	3.0
NNE	3.3	2.7	• 1									5.1	3.6
NE	3.5	3.2	• 5									- 3	3.8
ENE	2 • 2	3.3	1.7	• 2								7.4	5.2
E	1.7	1.9	2.5	1.0						1		7.4	6.5
ESE	• ?	• 9	1.7	• 1							•	2.2	6.8
SE	. 9											. 9	2.3
SSE	1.1	• 3										1.4	2.8
s	1.3	1.2	• 1							1		2.5	3.5
ssw	1.7	1.1	. 5									3.4	4.3
sw	1.6	3.0	2.4	. 4	• 1							7.5	6.2
WSW	2.5	4.3	3.5	1.2	• 1							11.7	6.3
w	2.9	4.5	7.1	1.8	• 2							13.4	7.0
WNW	1.3	1.3	. 9	. 4								3.4	5.8
NW	. 3	. 4	• 1									. 9	4.5
NNW	. 9	. 9										1.7	3.6
VARBL			7.1	2.7	. 1			-		1		11.8	9.4
CALM		> <				> <	><	\times	>		><	7.1	
	27.8	33.3	25.7	7.8	. 5					MARY L M. T.	WW 70 144	130.3	5.5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FURM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1751+3	RAMSTEIN AS GERMANY	74-83		YAY
STATION	STATION NAME		YEARS	MOATH
		ALL MEATHER		7133-2300 House (Ls 1.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	`	MEAN WIND SPEED
N	1.4	• 3										1.7	2.
NNE	2.3	• 5										2.5	2.
NE	2.3	1.4	• 1									3.5	3.
ENE "	2.9	2.0	1.1	• 1								6.0	4.
E	2.4	1.3	. 5	1								4.3	3.
ESE I	• 3	• 3										1.1	2.
SE	. 7			:								. 9	i.
SSE		• 1										•1	4 .
5	1.1	• 2										1.3	2.
ssw	1.5	• 5	. 4	.1					1			2.6	4 .
SW I	1.1	1.8	. 9	• 2								4.0	5.
wsw	1.9	3.0	1.7	• 3								7.0	5.
w	2.9	3.9	2.3	1.7								9.9	5.
WNW "	1.2	• 2	• 1		• 1							1.5	3.
NW	• 3		• 3	.1								. 2	5.
NNW	• 3	• 2										• 5	3.
VARBL			2.3	• 5						•		2.3	8.
CALM	><	>	><	><	><	>	><	><	><	><1		46.9	
	23.1	15.9	9.7	2.4	• 1					Formula T	1	130.3	2.

TOTAL NUMBER OF OBSERVATIONS 330

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175147	RAMSTEIN AB GERMANY	74-33		MAY
STATION	STATION NAME		YEADS	MORTH
		ALL WEATHER		ALL
		CLA98		HOVES (L S T)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 · 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.3.	1.7	•1									2.4.	. 3.
NNE	1.5	1.2	• 1									. 3	3.
NE	1.7	1.5	. ?	. 7								3.8	3.
ENE	2.1	3.1	1.2	• 2	heem-							5.5	4.
£	2.2	1.5	. 9									5 • 1	5.
ESE	.7	• 3	• 3	• 1					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1 • 3	4.
SE	• 4	•1	• 2	• 3								• 5	3.
SSE	. 3	• ?	.1	• 2	4-00-0							.6	3.
5	. 9	.7	. 1	. 3								1.6	3.
55W	.9	1.2	.7	.1								2.9	5.
sw	1.7	2.3	1.7		. 3						i	5.5	6.
wsw	1.9	3.9	3.0	. 8	• 3							9.6	6.
w	3.1	3.5	3.1	1.4	.1							11.4	5.
WNW	1.2	. 8	.3	.1	.2			1.50				2.3	4.
NW	. 5	• 2	•1	• 0									3.
NNW	.5	. 4	.7									1.3	3 .
VARSE		.1	5.4	2.3	.1							8.9	9.
CALM	><1	> <	><			> <	> <	><	\times	200		.2.9	
	23.1	22.4	13.4	5.9								100.0	3.

TOTAL NUMBER OF OBSERVATIONS

7439

SEDBAL DEIMATDLOGY BRANCH JRAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 75 1 4 3 STATION	RAMSTEIN AS SERMANY	74-83	TEARS	111
		ALL HEATHER		0000-0200
		CLASS		HOURS (L S T)

SPEED K++TS; D-R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22	. 2 7	20 - 33	34	- 40	41	17 4	48 - 55	≥ 56	•	MEAN WIND SPEED
*	•5.							114		11		=74		-		
HHE	• • •	1,000									-	30		. 61		2.2
NE .			-					-							- 1	2.3
ENE		1	- •		-							233				4 . 6
ESE .											-			•	1.2	2.2
58	• • •					•										1.5
558		*1				•			2			3.5		•	-	4.3
, .	• • •	,	4						- 2	100				•		2.0
ssw	1.7	• • • • •	16	. 1				-				3.9		•	- ,	2.7
5w		. 9	1.2	1		*	- 2					119		•	2.9	6.9
w.w .	1.7	2.4	1.9	10000						•				•	5.5	5.3
		3.2	1.4	- 1				-				114		•	9.2	3.9
www	1.7	. 5	_				+	-	•					•	2.4	3.0
NW	.5			.1		•		-	* -			*				4.0
NNW									•	•		- +-		•	- ,	2.3
VARBL	11300		. 5	-1		+	-					14		•	- 7	9.5
CALM					-	1	_		-	_	_	-		•	69.5	
	-		-	~~		-	-		*	-		+		, U .	7 1	
	15.4	7.5	5.5	1.0											100.0	1.3

TOTAL NUMBER OF OBSERVATIONS

879

SLUBAL CLIMATOLOSY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM hOURLY OBSERVATIONS)

1)51 + 3	PAMSTEIN AS SERMANY	74+83	Y5486	JJN HONTH
		ALL WEATHER		<u> </u>
		CLASS		HOUSE (LST)

SPEED (ENT) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥36	•	MEAN WIND SPEED
N NNF	• 4.	• 2											3.4
NE				•		•		•				• • • •	2.7
INE	• 1	. 6				•				* ×		1.1	
	1.7	. 7				•		•				1.2	2.3
ese		• 1										1.5	2.7
St	100 months												
22E		100-14		•									
٠.	• 5,	•1.								3 2	-	• • .	2.
55W	• • • •			-					0 3	6 6		1.1.	4.6
sw	_ 1•].	1.1				•					-	2.3.	
₩ -		2.5	1.1				•					3.1.	5.
	1.1	• ?	-		-	•	-				-		2.
NW -				•		•	•			B 81			1.
ww	.1	.1										. 7	
ARBI			. 7	. 3								1.3	9.
CALM		><1	-		-				><	2.	-	71.1	
	-		Ge				-		Marin Comp.		~	•	-
	12.7	13.2	5.2	1.2								1:3.3.	_1.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLORAL CLIMATOLOGY RRANCH SCREETAC AIR MEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.351+7	RAMSTEIN AS SERMANY	7 4 - 3 3 YEARS	NO.TH
	٩٤١	_ d£ATHER cuse	0 500 -0 8 DO HOURS (L 8 T)

SPEED KNIS: DIR	1 - 3	4 - 6)	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 -	40	41 - 47	48 55	≥ 56		•	MEAN WIND SPEED
N	• 7	. 3.					. =		-1					1	2.9
NNE	• •	•1								- ·				1.0.	1.9
NE .	• 4.	• 4				•								• 4.	4.5
ENE	1.	1.2	• ?			•		•						2.7	3.7
	2.7	1.1												3.1	2.9
ESE	1.7	• 1				•		•	•				-	1.1	1.6
SE													**		
SSE	- 5						. 50	20							
\$ _				- 1				- 40							
55W		• 3.	• ? .					(0.						• ° .	5.2
SW _	1.1	1.6	1.4	• 5	•1					-				4 . 5	6.6
wsw .		>•3	2.0	•1.										11.0	4 . 9
₩	2.	••3.	1.5	•2.	-								-	10.8	4.1
WNW	1.	• 1.	• 2										-	1.6	3.4
NW .		-	•1				+							• 4	3.0
NNW												•	**	• 6.	1.5
VARBL	-		1.1	• 2			-					-		1.5	8.5
CALM		><	\sim	><	><	\sim	-	~		><	`-			55.4	
			-			1	7	•	-			*	-	•	
	13.7	14.6	7.3	1.1	• 1			-11	i				1	33.3	ر ما

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8+5 OL+A PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

g galang dag come

Anny angglas de la Carlo

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SLOBAL CETMATOLOGY BRANCH JSAFETAC ATR JEATHER SERVICEMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

130147	RAMSIFIN AS SERMANY	74-93		704
STATION	STATION RAME	YEA	01	-
		AL. WEATHER		0000-1100
		CLASS		HOURS (L S T)

SPEED KNTS DIR	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N NNE	?•1.	1.3.	• 2.			-	•					3.7.	3.
NE	5.1	2.7					•	•	•			. 3.0.	3.
ENE						•	•	•			-	10.5	
E	. 3.5.	2.2				•		•	. =			5.7	4.
ESE						•	•	•	•				1.
SE "	•1			•		•		•				- ī.i.	1.
SSE		•1		-				•	•		-	-1-	2 •
s	3	••.				•	•	•	•		•		4 .
ssw "	. 9	2.5		-		•	•	•	•	• •	•		4.
sw	1.2	1.9	3.4	. 7		•			•	•		7.2	6.
wsw	2.6	4.7	5.7	1.2	-1	•			•			14.8	6.
*	3.7	4.8	4.7	1.4	_	•		•			•	14.5	5.
WNW "	1.2	1.2	. 4	.1							-	4,8	4.
NW "	•1	• 2	. 1			•	•	•				. 4	5.
NNW	. 3	. 4	•					•	•			1.3	3.
VARBL		• 2	5.0	. 9	• 1						•	7.2	9.
CalM			. /	5			5	< /	\			17.2	
			·	sum in			-		-	r +	~	•	_
	25.51	23.5	23.5	5.1	. 2	1						122.1.	4.

TOTAL NUMBER OF OBSERVATIONS

899

USAFETAC FORM 0-8+5 OL+A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETI

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STORAL CLIMATOLOGY PRANCH DRAFETAC ATR WEATHER SERVICEMAG 2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

174

135143 RAMSTEIN AS STRMANY 74-83 ALL MEATHER 1.23-1473

SFEED RNTS DIR	1 – 3	4 · 6	7 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 – 47	48 - 55	≥ 56	٠,	MEAN WIND SPEED
N	1.7	1.9	• 5						-			4.1.	4.3
NNE	1 • 2	2.7							•			4.4	3.5
NE	1.4	3.5	•									3.2	4.3
ENE	2.4	3 . 7	• 4	. 4								7 • 2	4 . 8
E	1.	1.4	. 7	• 5				•	•			4.3	5 . 3
ESF	• 5	• 1	• 5.	• 1					•	•		1.2	5.4
SE						•		•	•	•	•		1.0
SSE	2	. 3	• 1		-	•		•	•	•	•	1.3	3.6
5		1.7	. 1	•		•	1				•	1.7	4.1
ssw	. ?	1.4		- 1 i	-1	•	_		•	•			5.5
1		2.3	3.9			•		•	•	•	•		8.3
sw	- 2 2	3.3	5.0		• 4	• -		•		•	•	13.3	7.3
wsw			7.2		• •		-		•	•			
w	. 2.	5.6		2.0	• 1	• 1	-					16.3	7 - 4
	. 1 • 1.	1 • 4	102.	• 1				-				. 3.9.	5.4
NW	• 1							-	•			1.5	4.5
NNW	1.4	1.1	• ? .									2 • 3	4.0
VARBL	_	• 7_	11.5	4.7	. 3			_		_		17.2	7.3
CALM			, m	-	-				-			3.3	
	a	- ¥	*			*		* ====================================	* =	Ψ	٦ ٦		
L	23.3	31.3	33.7	11.1.	. 8							123.2	5.5

TOTAL NUMBER OF OBSERVATIONS

933

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOPAL CLIMATOLOGY BRANCH JOAFITAC ATH WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

WARTER TO THE PARTY OF THE PART

1 :1 -7 RAMSTELN AS SERMANY VLL 1 33-1733 ALL BEATHER

MEAN WIND SPEED SPEED RNT3 • 3 • 3 • 3 • 1 • 7 2.3 4.1 1.4 2.2 1.4 NNE 1.3 NE 5.9 4.5 • 3 : . 5 5.1 ENE 5.5 ESE 3.7 SE SSE •1 5 4.3 1.1 1 • 1 · 1 · 1 · 2 · 3 · 2 · 3 · 1 · • 9 55W 5.6 7.1 SW wsw 3.3 W 9.1 WNW 3.6. 1.1. NW NNW 4 . 4 15.2

TOTAL NUMBER OF OBSERVATIONS

JIJAAL CLIMATOLOGY RRANCH JAAFETAC AIR WEATHER SERVICEMMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

170140 RAMSTEIN A3 SERMANY 74-53 JJV

BOATAM

ALL WEATHER 1-00-2000

CAMB

TATION DIVISION OF THE PROPERTY OF

CONDITION

SPEED RNTS DIR	1 = 3	4 - 6	7 - 10	11 - 16	17 - 21	22	. 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		•	MEAN WIND SPEED
N	2.7	2.3	- 2.4					- 12	or and			41.	23	5.0.	3.
NNE	3.4	3.1	• 1										-	5 . 7	3.
NE		2.5	. 7	7		7	- 77	33				17	*	> . ?	3.
ENE	1.5	3.1	.,	.1		•	- 31						5.1		
t i	1.7	.7	. ?	. ?									•	7.9	5.
ese	. 5	. 3	.1									+		1.3	3.
	. *	• 1	.1						- :		*	*	*	. 9	3.
SE SSE	. 7	. 5			-		- 04		- *			*	-	1.2	2.
	1.2	1.1	• 2				- 0				*	(4)	+	2.5	3.
		1.1	1.1					-	(*)		*	*	*	3.3	5.
ssw .		2.4	2.3	1.7		12	0.7				7	e e	7.1	3376 1337 16	20,700
5W .	. 1.,	5.3					- +	+				-	4		6.
wsw			5 - 1	1.9	•	٠	134	+			ž.	4	4	14.5	6.
w .		5 . 3	5.7	2.3		3			- 40		*		H54	13.3	7.
www.	1.5	?•1	• 1	•1			- 1							4.7	5.
NW .	. • • • • • • • • • • • • • • • • • • •	1.5	• ? .	- 1										2.2	
NNW		. 9	• 3								2	4		1.5	٠.
JARRE			3.7	2.1					-					10.3	9.
CALM		><1	-	~_	-	-	-		~	\.	-	•		6.2	
				*		-	*		*	-	Y	+	•		-
	24.2	33.5	27.0	7.7		5	- 11				1		1	73.3	5.

TOTAL NUMBER OF OBSERVATIONS

97

USAFETAC FORM 0-8-5 C. -A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

F.74 ...

135143 RAMSTEIN AS SERMANY 74-83 JJN

STATION STATION HAME ALL WEATHER 2103-2300

CLASS ROUTE (LEFT)

SPEED ENTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 54		S-EED
N	1.5	.1										2.2	- 2.
NNE	2.0	1.2										***	2.
NE	2.6	1.7	• 1									4 . 3	3.
ENE	1.7	1.2					dir					3.1	3.
E	.7	. 9										1.4	3.
ese	. 5	. 1										.1	1.
58	• 1	.1										.4	2.
558	• 2	.1										• 3	2.
5	.7	. 3										1.0	3.
55W	. 9	. 3	. 5									2.2	5.
sw	. ,	1.0	1.2	. 4								3.6	6.
wsw	4.1	3.7	3.0	.3	.2							17.3	5.
w	5.7	3.2	1.9									11.7	٠.
WNW	1.5	. 4	• 1									2.1.	2.
NW	1.7											1.5	3.
NNW	.7	.3										1.3	2.
VARBL			. 5	• 1								.7	8.
CALM	-	~	-		/		~		\			47.1	
					-			Carry 1	-				
	25.5	15.7	9.1	1.3		ì				1		177-7	2.

USAFETAC 108M 0-8-5 CL-4 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFT

PT IS

TOTAL NUMBER OF OBSERVATIONS

SLUBAL CLIMATOLOGY BRANCH USAFETAC ATR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175147	RAMSTEIN AS SERMANY	7 4 - 3 3	JUY
	ALL	ar EATHER class	MOUSE (L S T)
		CONDITION	

SPEED KNTSI DIR	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 · 4L	41 = 47	48 - 55	≥ 56	•	MFAN WIND SPEED
Ν	1.4	1.3	1									_ 2.E.	3.
NNE	1.7	1.4	• 7									3.1	3.
NE	1.5	1.3	•?									3.5	3.
ENE	1.4	2.4	• 5	• ?								4.5	4 . !
E	1.4	1.7	. 4	• 2	• 3				•			3.0	4 . 5
ESE	• 5	• ?	. 1	• 7	•					•		. 9	3.5
SE	. ?	• 1	٠,٦		•							• 3	3.0
SSE	• 3	• ?	• 7						•	•		• 5	3.2
\$	- · ·	. 4	. 1						•			1.0	3.
SSW	• 4	. 9	. 5	• 2	. 0				•			2.4	5.3
5 W	1.1	1.3	2.2	.7	• ɔ ¹					•		5.7	6.0
wsw "	2.5	4.5	4.7	1.1	.1	-						11.6	5.4
w	3.7	4.4	4.7	1.2	• 1	. 7		-	•			13.4	6.2
WNW	1.2	1.0	. 5	.5								2.3	4
t.W	.5	• 5	•1	• 5	-							1.2	4.0
NNW -	. 7	. 6	. 1							•		1.3	3.9
VARBL	• 7	• 2	5.3	1.5	.1				•			7.1	9.4
CALM	><1			><		$\geq <$	$\geq <$			\sim	> <	34.3	
,	23.3	22.01	13.2	5.0	. 4	• 3						150.3	3.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SLOBAL CLIMATOLOGY BRANCH JRAFETAJ ATR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175140	HAMSTEIN AS SERMANY	74-83	Jul
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0000-0200
		CLASS	HOURS (LST)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• 5						İ					6	1.6
NNE	• 2	• 3								11		. 5	3.2
NE	• 3	• 2										• 5	2.4
ENE	1.2	. 4	• 1									1.7	3.1
E	1.3	• 6								1		1.9	2.8
ESE	• ?											• 5	2.5
SE	• 3											- 3	1.7
SSE	• 1											.1	2.0
S		. 1										-1	5.0
ssw	. 4	• 5	• 1									1.1	3.9
SW	• 5	. 8	1.4	• 5					-			3.3	7.8
wsw	2.6	2.7	2.2	.9								8.3	5.7
w	4.5	3.4	2.0	. 2								10.3	4.4
WNW	1.5	• 5	• 1									2.2	2.8
NW	• 3	• 2										• 5	3.0
NKW												1	
VARBL			. 1	i								-1	7.0
CALM	><	><		><	> <		>	> <	\times		> <	68.1	
	14.3	7.9	5.2	1.7								100.0	1.5

OIAL	NUMBER	Эr	OBSERVATIONS	9	š n

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH JEAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RAMSTEIN A	3 GERHANY	74-63		JUL	
STATION		STATION NAME		YEARS	MONTH	
	-		ALL WEATHER		0 3 0 0 - 0 5 0 HOURS (L 6 7.)	90
			(4)		NOORS (E B T.)	
	_		CONDITION		-	
			COMPATION			
_						_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	`	MEAN WIND SPEED
N	• ?									12		. 2.	1.5
NNE	- 1	• 3					1					. 4	3.3
NE			• 1									- 1	9.0
ENE	• 9	• 3				1						1.2	2.5
E	1.1	.6										1.7	2.6
ESE													
SE	• 21											• 2	2.0
SSE	• 1		• 1									• 2	5.0
5	.1		• 1									• 2	6.0
ssw	• 7	• 1	• 3									- 5	5.3
sw	• 8	1.2	1.9	• 1					1			4.3	6.2
wsw	1.4	2.3	2.0	. 8								7.0	6.4
w	3.8	3.5	1.3	• 1								8.7	4.3
WNW	1.5	• 5	• 1									2.2	3.1
NW	• 1	. 1										• 2	3.5
NNW	. 4											. 4	2.0
VARBL			• 1		• 1							• 2	12.0
CALM	><	\times	><	\times	>	>	\times	\times	\times	><	><	72.4	
	17.9	9.6	6.1	1.0	,1							100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 93

USAFETAC FORM 0-8-5 (CL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

77.0

2

SLORAL CLIMATOLOGY BRANCH JEATETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175143	RAMSTEIN AB GERMANY	74-93		JJL
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		3600-0803
		CLASS		HOURS (LST.)
		CONDITION		

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• 5 !			-									1.5
NNE	. 4	• 1		II.								• 5	2.2
NE	• 1	• 1										. 2	3.5
ENE	. 7	. 4		• 1								1.4	4.3
E	3.1	• 9			-							3.9	2.6
ESE	• 9	• 1										. 9	1.6
SE	• 2	• 1										• 3	3.0
SSE													
S			. 4							1		. 4	8.3
55W	• 3	• 3	1.1									1.7	6.8
sw	• 5	1.6	2.3									4.2	6.3
wsw	2.3	3.9	3.7	• 5								10.3	5.0
w	4.7	4.1	1.7	• 2								13.3	4.5
WNW	1.6	• 2								1		1.8	2.2
NW	. ?	•1						-				. 3	2.3
NNW	-1											.1	2.0
VARBL			• 2									• 2	8.3
CALM	>	>		> <	><	>	> <	> <	><		><	62.9	7.5
	15.2	11.9	9.2	. 9							<u> </u>	100.0	1.8

TOTAL NUMBER OF OBSERVATIONS

USAFETAC JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175143	RAMSTEIN AS SERMANY	74-83		JUL
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		3930-1130
		CLASS		HOURS (L S T.)
		COMPITION		

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
N	1.5	1.0										2.5	2.
NNE	2.2	1.2	• 1									3.4	3.
NE	2.4	1.7	• 1									4.4	3.
ENE	3.2	4.6	• 5	• 1					!	•		3.6	4.
E	2.7	2.2	• 5	.1		1	1					5.6	4.
ESE	2.0	• 2	• 1					1		•		2.4	2.
SE	•?	•1			***		-		1	•		• 3	2.
SSE	• 3	• 1	. 1				1		1			• 5	3.
S	. 3	• 2	. 7							,		. 8	4.
SSW	• 5	. 5	1.2	. 5								2.9	7.
5W	. 9	1.9	2.5	. 6								5.9	7.
wsw	3.7	4.3	5.2	1.8								15.4	5.
w	2.4	5.3	5.1	1.4		1						14.8	6.
WNW	2.3	. 9	. 3									3.9	3.
NW	.5	• 1	.1										3.
NNW	1.0	. 3		1						•		1.7	3.
VARBL			4.7	1.7						•		6.7	9.
CALM			><	><	><	>	><	> <	> <		><	19.5	
	26.2	25.9	22.3	6.3								120.0	4.5

TOTAL NUMBER OF OBSERVATIONS

93

USAFETAC FORM 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH JEAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1751+3	RAMSTEIN AB BERMANY	74-83	JUL
STATION	STATION NAME	MONTH	
		ALL WEATHER	1000-1400
		CLASS	HOURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.9	1.7	• 3									4.9	3.5
NNE	1.4	2.2	• 2							1		3.8	3.8
NE	1.2	2.7	. 4	• 1								4.4	4 . 6
ENE	1.5	2.3	1.3	• 2								5.8	4.9
E	. 4	3.2	1.5	• 2						1		5.5	5.0
ESE	• 5	1.1	. 2	• 1						1		2.0	4.6
SE	• 2	• 2	• 2									•6	5.5
SSE	• 5	• 2	. 3									1.2	3.5
S	1.0	• 5	. 4							1		1.9	4 . 4
SSW	. 8	1.2	• 5	1.0								3.4	7.1
SW	• 5	2.7	2.3	1.3								5.1	7.9
wsw	1.1	5.3	5.5	3.1	• 1							16.3	8.0
W	3.1	4.6	5.5	2.0								15.2	6.9
WNW	1.5	2.4	. 5	• 1								4.7	4.7
NW	• 3	• 5	• ?									1.3	4.7
NNW	1.3	1.4	• 1									2.5	3.7
VARBL		• 5	13.9	3.4								14.8	9.3
CALM	><	><	><	><	><	$>\!\!<$	><	><	><	><	><	4 • 3	
	18.5	32.9	32.5	11.5	•1							130.0	6.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FOR 4 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.351 + 3	RAMSTEIN AB GERMANY	74-83		JUL
STATION	STATION HAME	•	YEARS	MONTH
		ALL WEATHER		1500-1700
		CLASS		HOURS (L S T.)
	4	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 0	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.2	3.0	. 4		()							5.6	4.3
NNE	2.0	2.2	• ?									4.4	4
NE	. 9	2.5	• 1					1				3.5	4 . 2
ENE	1.7	2.7										5.7	4.8
E	1.3	1.9	. 5	• 3								4.1	5.1
ESE	. 4	1.0	. 4					1				1.5	4.9
SE	• 5	• 2								1		. 3	2.9
SSE	. 5	• 5	. 4									1.5	4.7
S	• 2	1.2		1								1.4	4.5
\$5W	. 3	1.3	• 1	. 9								3.1	6.7
sw	• 5	2.3	1.9	• 8	• 2							5.7	7 • 3
wsw	1.9	3.7	5.3	3.3	• 1							15.1	8.0
w	1.4	4.1	3.2	4.0								17.5	8 . 4
WNW	1.4	2.3	1.3	• 3								5.3	5.7
NW	1.7	• 5	. 3									2 • 3	4.6
NNW	1.3	1.9	• 3									3.5	4 - 1
VARBL		. 4	11.8	3.5	. 3							15.1	9.4
CALM	><	><	><	><	> <	> <	><	><			><	2.4	
	19.3	31.7	33.9	13.1	. 5							100.0	5.6

TOTAL	NUMBER	OF	OBSERVATIONS	9.1	t

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RAMSTEIN AB GERMANY	74-83		JUL
STATION	STATION NAME		YEARS	MONTH
		ALL MEATHER		1330-2330
		CLASS		HOURS (LST)
	Marie 1 to 10 Abril 2 Abril 10	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	2.5	2.3	• 3				i			1		4.9	3.9
NNE	3.1	1.8	• 5				ĺ					5.5	3.6
NE	2 . R	3.1	• 3	• 1								6.3	4 - 1
ENE	2.3	3.7	1.0							i		6.7	4.6
ξ	1.3	1.7	1.9			!						4.9	5.5
ESE	• 5	1.4	• 3									2 . 3	4.9
SE	•2	• 2	• 1				1			1		• 5	4.0
SSE	. 4	. 4	• 1	• 1								1.1	4.9
S	1.3	• 5	• 3	• 2						1		2.4	4.5
SSW	1.3	. 6	1.0	- 1						1		2.7	5.6
sw	• 5	2.3	2.3	• 5			1					5.1	7.1
wsw	7.9	4.0	4.7	2.2								13.3	6.9
w	1.9	5.7	3.4	2.2	• 2							19.4	7.2
WNW	1.0	3.3	. 4	• 2				1				4.6	5.3
NW	. 9	1.5	• 1									2.5	4.2
NNW	• 5	1.2										1.5	3.8
VARBL		• 2	5.9	1.9								9.1	9.4
CALM	\sim	\times	><	><	> <	\times	\times	><	><	\rightarrow	><	5.5	
	23.1	34.4	28.3	7.5	• 2							103.3	5.6

TOTAL NUMBER OF OBSERVATIONS

USAFETAC: FORM $_{\rm JUL~64}$ 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

176147	RAMSTEIN AB GERMANY	74-63		JUL
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		2100-2370
		CLASS		HOURS (L S T)
		CONDITION	 	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.3	•1	• 1			10				i		1.5	2.5
NNE	2.2	• 6	171267									2.8	2.6
NE	2.7	• 9	.1					1		1		3.7	2.8
ENE	2.5	1.8	-							1		4.3	3.1
E .	2.7	. 9	• 1							1		3.7	2.6
ESE	• 5	• 2								1 1		. 8	2.5
SE	•1									i		• 1	2.0
SSE	• 2	• 1						l		i		• 3	2.3
5	. 4									1		. 4	2.3
ssw	• 5	• 5	. 4	• 3	_							1.9	6.2
SW	1.2	1.8	. 9	• 2	•1							4.2	5.8
wsw	2.7	3.7	3.3	. 4				-				10.1	5.7
w	4.5	5.1	2.9	• 3								12.3	4.8
WNW	1.6	1.2		• 1								2.9	3.4
NW	. 4	. 4										.9	3.1
NNW	• 5	• 2	•1									. 9	3.9
VARBL			1.0	•1				-				1.1	8.4
CALM		><		> <	><	> <	> <	><	> <		><	47.8	
	24.1	17.5	8.9	1.5	. 1		-					100.3	2.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLORAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RAMSTEIN AS SERMANY	74-33	JUL
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	ALL HOURS (LST.)
		COMPLTION	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	1.5	1.7	• 1				1		-			2.6	3.5
NNE	1.5	1.1	• 1									2.7	3.5
NE	1.3	1.4	• 1	•)						1		2.9	3.9
ENE	1.7	2.1	• 5	• 1			_			1		4 . 4	4.3
E	1.7	1.5	• 5	• 1		i	1					3.9	4.3
ESE	• 5	. 5	• 1	. 0						i		1.3	3.8
SE	• 3	• 1	• 0							1		-4	3.4
SSE	. 3	. 2	• 1	• 0								. 6	4.1
s	. 4	• 3	• 2	• 3								1.0	4 . 6
ssw	• 5	.6	• 5	• 3						i		2.2	6.4
sw	.7	1.7	2.0	• 5	. 3					1		4.9	7.0
wsw	2.2	3.9	4.3	6	. 0							12.3	5 . 8
w	3.2	4.7	4.5	1.3	• 0							13.7	6.2
WNW	1.5	1.4	. 4	• 1								3.4	4.2
NW	•5	• 5	• 1							i		1.1	4.0
NNW	.7	.7	• 1									1.4	3.7
VARBL		• 1	4.4	1.3	• 1							5.9	9.3
CALM	\times	> <	><	> <		> <	\times	><	> <	><	><	35.5	
	19.8	21.7	18.4	5.5	.1						1	100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

7438

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLORAL DLIMATOLOGY BRANCH USAFETAD AIR HEATHER SERVICEMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

155140	RAMSTEIN AB SERMANY	74-83	AUG
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	3000-0200
		CLASS	HOURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	• 3	• 1										. 4	2.8
NNE	• 1	• 1	1									• 2	3 . D
NE	• 2	• 1				1						• 3	2.3
ENE	. 3	1.0	. 4									2.3	3.9
E	1.4	• 2	• 1							,		1.7	2.4
ESE	• 3	• 1						1				- 4	2.8
SE	• 3	• 1								1		.4	2.5
SSE	-1	1										• 1	3.0
5	.1	• 2										• 3	4.7
SSW	. 4	•1	• 2							1		• 9	5.0
sw	. 9	. 5	. 3	• 1								1.9	4.6
WSW	3.1	2.3	. 9	• 1								6.3	4.2
w	4.0	2.0	• 2	• 2					-			6.5	3.5
WNW	1.3	. 3										1.6	2.6
NW	• 1											.1	2.0
NNW	• 1	• 2										.3	3.7
VARBL			. 4							1		.4	8.3
CALM	><	\times		><	> <	\times	> <	>	><		><	75.8	
	13.7	7.5	2.5	. 4								130.0	• 9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC JUL 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICEMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RAMSTEIN AS GERMANY	74-83		AUS
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		0700-0500
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
,1	. 7	•1							V.			. 4	2.8
NNE	. 3						i					. 3	2.0
NE	• 3	• 1	. 2							1		• 5	3.8
ENE	• 5	• B	. 2									1.5	3.8
E	1.4	. 4				!				1		1.3	2.4
ESE	• 2									1		• 2	1.0
SE	•1						1			1		• 1	2.0
SSE			. 1	-								•1	8.0
s	• ?									1		• 2	2.5
SSW	• 1		• 1									• 2	5.5
sw	. 3	. 9	.5	• 5	-							2.8	6.4
WSW	1.9	2.3	• B	• 1	_							5.6	4 . 8
W	3.9	2.5	. 4	• 3								5.7	3.7
WNW	1.2	. 4	.1									1.7	3.1
NW	• 5		.1									. 3	3.3
NNW	• 3	• 2	.1									.5	4.3
VARBL													
CALM		>	><	> <	>	>	>	>	><		><	76.1	
	12.4	7.7	2.8	1.0								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175140	RAMSTEIN AB SERMANY	74-93	AUS		
STATION	STATION NAME	YEARS	MONTH		
		ALL WEATHER	0500-3830 HOURS (LST.)		
		CLASS	HOURS (LST.)		
	Million of the committee of the committe	CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	`	MEAN WIND SPEED
N	• 2	• 1		ļ				1				3	2.7
NNE	- 1			ı								• 1	2.0
NE	• 5					1						• 5	2.6
ENE	1.3	• 5	. 4									2 . 3	3.9
E	3.2	. 5								1		3.9	2.4
ESE	• 5	• 1										• 5	2.0
SE	• ?							1				• 2	1.0
SSŁ							1						
S								1				0	
SSW	. 3	• 3								•		6	3.5
SW	• 3	. 9	1.1	• 2			1	1				2.7	6.3
wsw	1.4	2.7	1.3	• 1		1						5.5	5.0
w	3.0	1.5	1.5	. 4			1					6.8	5.0
WNW	1.1	• 3										1.4	2.5
NW	• 2	.1	.1									. 4	4 . 3
NNW	• 3	-								+		• 3	1.7
VARBL			- 2	• 2								. 4	10.5
CALM		\times			$\overline{}$	\times	\times	\times	><	><	><	73.9	• • • •
	13.7	7.5	4.5	1.0							·	100.0	1.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $_{
m JUL~64}^{
m FORM}$ 0-8-5 (QL-A) previous editions of this form are obsolete

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATE JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 35143	RAMSTEIN A3	GERMANY	74-83		AUG
STATION		STATION NAME		YEARS	MONTH
		ALL	WEATHER		0900-1100
			CLASS		HOURS (L.S.T.)
			CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	1.3	1.2										2.5	3.6
NNE	2.2	• 9						1				3.3	2.8
NE	1.9	1.7	• 3									3.7	3.6
ENE	3.2	4.5	. 9	. 2								9.6	4.2
E	2.5	2.8	1.1		• 1							5.5	4.4
ESE	1.5	• 5										2.3	2.8
SE	• ?	• 1										. 3	2.3
SSE	• 3											.3	1.7
5	• 3	• 3										•6	3.3
SSW	1.1	.1	• 2									1.4	3.4
sw	1.2	1.8	1.5	, 4					<u></u>			5.1	6.0
wsw	2.5	4.2	4.7	1.1	.1							12.5	6.4
w	5.4	4.3	3.3	1.1								13.8	4.9
WNW	1.4	. 4	• 2									2.0	3.3
NW	. 4	. 4										.9	3.1
NNW	. 3	• 2										• 5	3.4
VARBL			2.8	. 9								3.5	9.2
CALM	>	><		> <	> <	> <	>	>	> <	\rightarrow	> <	32.3	
	26.3	23.1	14.P	3.5	•2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

A TO BE STATED AND STREET

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SLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RAMSTEIN AB GERMANY	74-83	AUG
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1200-1400
		CLASS	HOURS (LS T.)
		CONDITION	
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	1.5	. 9					1					2.4	3.1
NNE	3.4	2.0										5.5	3 - 1
NE	2.2	3.5	• 9									6.5	4.5
ENE	2 . 3	3.8	1.2	. 4						:		7.6	4.5
E	1.1	2.7	2.5	1.5								7.8	7.5
ESE	1.1	. 8	. 4	. 3								2.6	5 • 5
SE	• 5	• 1	•1									. 8	3 • 6
SSE	- 4	• 3	. 3									1.1	4 - 3
5	• 5	• 5	•1									1.3	3.8
SSW	1.3	1.7	• B	• 1								3.9	4.7
sw	.6	2.4	2.5	1.1	• 1			<u> </u>	<u> </u>			6.7	7.3
wsw	2.0	4.8	5.7	2.3					 	 		14.8	7.1
w	3.2	4.5	5.3	1.3					 			14.3	6.4
WNW	1.6	2.0	• 5					 				4.3	4 - 3
NW	• 8	. 5	• 2									1.5	3.8
NNW	1.1	1.1	.1									2.3	3 • â
VARBL		i	7.3	3.0	.1		 					10.5	9.6
CALM		> <	> <		>	>>	\geq	>	\geq		\geq	6.2	
	23.7	31.9	27.5	10.1	• 2							130.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

SLOBAL CLIMATOLOGY BRANCH SSAFETAC AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RAMSTEIN AS SERMANY	7 4 - 5 3	AUS
		ALL WEATHER	1533-1790 HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.5	2.4	• 2									5.1	3.5
NNE	2.5	2.5	• 2							l j		5.3	3.7
NE	2.5	2.5	• 1	• 2								5.3	4.0
ENE	1.2	3.0	1.9	• 5								6.2	5.7
E	1.4	1.9	1.5	1.0			<u> </u>		-			5.3	6.9
ESE	1.1	1.3	• 2	• 2								2.8	4.7
SE	•2	• 5	•1									.9	4.3
SSE	• 2	. 3		• 1							· · · · · · · · · · · · · · · · · · ·	• 6	5.0
5	. 4	1.0	• 1									1.5	4.4
ssw	1.0	1.5	. 7						1			3.3	5.2
SW	1.5	3.8	3.2	1.0	• 1							9.5	6.7
wsw	1.5	3.5	4.2	1.6	• 2							11.2	7.4
w	3.3	5.7	5.8	2.6	• 1							17.5	6.8
WNW	1.8	1.9	. 4	• 2			· · · · · · ·					4.3	4.5
NW	1.0	1.3	• 2									2.5	4.0
NNW	.9	1.2										2.3	4.1
VARBL	•1	• 2	9.3	2.8					-			12.2	9.1
CALM		$\stackrel{"}{>}$			>	>	>	><	\sim	\sim	> <	4.0	
	23.1	34.5	28.1	9.9	. 4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 25140	RAMSTEIN AB GERMANY	74-83		AUG
STATION	STATION NAME		YEARS	MONTH
		ALL MEATHER		1900-2000
		CLASS		HOURS (L S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.0	1.8					1					3.9	3.4
NNE	2.5	1.9	• 3									4.8	3.5
NE	2.7	2.4	• 1	• 1								5.3	3.5
ENE	2.7	3.7	1.3	• 2								7.8	4.7
E	2.5	2.2	2.3	. 4								7.1	5.4
ESE	1.5	. 4	. 4			_				1		2.4	3.7
SE	• 3	• 2	• 1									1.1	3.2
SSE	. 4	.1	• 1									.6	3.3
S	1.7	• 3								1		2.0	2.5
SSW	2.7	1.0	• B						 			4.4	3.9
sw	2.3	2.9	1.5	• 2					-			6.9	5.2
wsw	3.2	5.2	3.3	1.0	• 1							12.3	5.9
w	2.6	5.5	5.1	.6								13.B	6.1
WNW	2.2	1.6	• 5									4.3	4.0
NW	1.3											1.3	2.1
NNW	1.3	. 5	• 1						i			1.9	2.9
VARBL	-		3.3	1.0								4.3	9.6
CALM		>	> <	>	> <	\times	>	>	\times	\times	> <	15.3	7.00
	32.4	29.7	19.3	3.5	•1							130.3	4.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135140	RAMSTEIN AB GERMANY	74-83	AUS
135143 STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	2100-2300
		CLASS .	HOURS (L S.T.)
		CAMBITION	•

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 · 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 8		· ·									• B	1.9
NNE	1.2	• 3							l.	- 1		1.5	2.1
NE	1.1	. 4						1				1.5	2.8
ENE	3.3	1.7										5.1	2.7
E	2.2	• 5										2.7	2.2
ESE	• 9	• 1								1		.9	1.9
SE	• 2	•1								i		.3	2.7
SSE	• 2	• 1										• 3	3.3
S	• 5	• 2										.9	2.4
SSW	1.3	• ?	• 1									1.6	2.9
SW	1.7	1.D	1.0	• 2								3.9	4.9
wsw	3.2	2.4	• 3	•1								6.0	3.7
w	4.1	2.0	• 8	• 1								7.0	3.7
WNW	1.1	• 5										1.6	2.5
NW	• 6	• 2										.9	2.8
NNW	• 2											• 2	2.5
VARBL			• 2	• 2	-							.4	12.0
CALM	>	><		$> \stackrel{\circ}{\sim}$	><	\sim	\times		>		><	54.5	
	22.6	9.9	2.4	. 5								ב.ממג	1.2

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC ETR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RAMSTEIN AB GERMANY	74-83	AUS
STATION	STATION NAME	YEARS	MONTH
		ALL HEATHER	ALL
		CLASS	HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.1	• 8	.)			y y		t	1			2.0	3.3
NNE	1.5	1.3	• 1				<u> </u>					2.6	3.2
NE	1.4	1.3	• 2	• 0								3.0	3.8
ENE	1.9	2.4	. 3	.1								5.2	4.4
E	2.5	1.4	. 9	. 4	. 3					1		4.7	5.1
ESE	. 5	. 4	.1	• 1								1.5	3.8
SE	• 3	• 1	. 0				1					• 5	3.2
SSE	• 2	.1	.1	• 0						1		.4	4.0
S	• 5	. 3	• 5									. 9	3.3
ssw	1.0	-6	. 4	.0								2.0	4.3
sw	1.2	1.8	1.5	. 5	. 0							4.9	6.1
wsw	2.4	3.5	2.5	. 8	.1							9.3	6.0
w	3.7	3.5	2.9	• 8	.0					-		10.8	5.4
WNW	1.5	. 9	• 2	• 0								2.7	3.7
NW	• 5	. 3	•1									1.0	3.4
NNW	• 5	. 4	.5									1.3	3.5
VARBL	. 3	• 5	2.9	1.0	.3							4.0	9.4
CALM		\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	\geq	\geq	><	$\geq \leq$	43.5	
	20.3	19.0	12.5	3.9	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 7439

DIDBAL CLIMATOLOGY BRANCH JEAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

106140	RAMSTEIN AB GERMANY	74-83	SEP
STATION	STATION NAME	YEADS	MONTH
		ALL MEATHER	0000+0200
		CLASS	HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
н	•51									· · · ·			1.6
NNE	. 4	• 2										. 7	3 . 2
NE	. 4											- 4	2.3
ENE	1.1	• 1										1.2	2.4
E	1.7	• 2								1		1.2	2 . 4
ESE	• 3	• 2										.6	3 • D
SE	• 3	• 1						1				. 4	2 . 8
SSE													
5	• 3	• 2										. 6	3.2
SSW	. 4	. 9	• 3									1.7	4.9
sw	. 7	2.2	1.4	1.0								5.3	7.0
wsw	7.2	2.7	3.3	2.0								10.2	7.1
w	2.8	2.2	1.9	. 4								7.2	5.1
WNW	1.1	• 2										1.3	2.5
NW	• 1											• 1	3.0
NNW	•.2		• 1									• 3	4.0
VARBL			• 5	. 4	• 2				43			1.2	11.7
CALM	><	\times	><	\times	> <	\times	> <	><	\times	><	><	66.9	
	12.1	9.3	7.5	3.9	• 2							160.3	1.9

TOTAL NUMBER OF OBSERVATIONS 9 DE

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Symposius -- -

SLUBAL CLIMATOLOGY BRANCH JEAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175143	RAMSTEIN AB SERMANY	74+83	SEP
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0300-0500
		CLASS	HOURS (L S T.)
	description of the second seco	COMPITION	-

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• 7	• 1		1						i		. 4	2.0
NNE	• 2						1					• 2	3.0
NE	. 3	• 2										1.3	3.0
ENE	. 4	• 1	1									• 5	2.4
E	1.1	• 3										1.4	2.7
ESE	.7	• 1								i		. 6	2.7
SE	• 1											-1	1.0
SSE													
s		-1	. 3							!		. 4	7.5
ssw	• 3	.7	. 4									1.4	5.1
SW	. 8	1.9	1.1	. 4								4.2	6.2
WSW	2.0	3.9	3.3	1.1								10.3	5.6
w	3.2	2.3	2.2	. 6								8.8	5.3
WNW	• 5											.6	1.6
NW	• 2	• 1										• 3	2.7
NNW	.1											•1	2.0
VARBL			• 7	.7	•1							1.4	11.6
CALM	><		>	><	>	><	\times	><	> <	\times	> <	67.7	
	13.9	13.3	3.1	2.8	. 1							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SEDBAL CLIMATOLOGY BRANCH JSAFETAC AIR MEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RANSTEIN AB SERMANY	74-83		SEP
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		0600-0800
		CLASS		HOURS (L S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 2	•1										.3	2.7
NNE	• 3											. 3	1.3
NE	1.1	• 2										1.3	2.5
ENE	1 . 4	. 4										1.9	2.7
E	1.9	. 8										2.7	2.8
ESE	. 4	• 1										.5	2.2
SE		~											
SSE												4	
S	• 2	• 1										. 3	3.3
SSW	• 6	. 5	• 3	• 1								1.5	5.2
5W	. 4	1.1	1.5	. 5								3.9	7.8
WSW	1.6	3.1	5.4	1.1	• 2							11.4	7.3
w	3.1	2.1	1.7	• 2								5.4	4.3
WNW	1.2	• 2	• 1									1.6	2.7
NW	• 3	• 2										.6	3.2
NNW	• 2											•2	1.0
VARBL			1.2	. 5	•1							1.7	9.9
CALM	><	><	><	><	> <	> <	>>	><	> <	><	><	65.3	
	13.1	9.1	9.7	2.8	• 3							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

N. Northwest Street

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

105140	RAMSTEIN AS GERMANY	74-83		SEP
BTATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		39 03-113 0
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	* *	MEAN WIND SPEED
N	1.3	• 2	• 1							1		1.3	2.9
NNE	1.3	. 7	1									1.7	2.9
NE	1.2	• 5	1									1.8	3.0
ENE	2.4	2.0	. 2									4.7	3.5
E	3.5	1.5	. 4									5.6	3.2
ESE	• 3	• 3		• 1								1.2	3.6
SE	• 2											• 2	2.5
SSE	. 1	•1										• 2	3.5
S	. 4	• 2	• 2									. 9	4.4
ssw	. 4	. 4	. 5	.1			_					1.6	5.0
sw	1.0	2.1	2.3	1.7								6.3	7.6
wsw	1.9	4.2	5.3	2.7								15.0	7.7
w	4.3	4.3	4.8	. 8	•1							14.0	5.7
WNW	1.1	. 9	. 3		-						- 1	2.3	4.3
NW													
NNW	• 1											•1	1.0
VARBL		• 2	3.4	• 9	•1							4.7	9.4
CALM	\sim	\times	\times	><	> <	\times	\times	\times	\times	\sim	><	39.0	
	19.5	17.6	13.4	6.2	• 2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

SLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR 4EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1351+3	RAMSTEIN AS SERMANY	74-93		SEP
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1200-1400
		CLASS		HOURS (L.S.T.)
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	• 8	• 8	• 1				i					1.7	3.7
NNE	1.7	1.9										3.6	3.6
NE	1.4	1.7	. 3									3.4	4.3
ENE	2.3	2.3	. 9				i					5.1	4.2
E	2.3	3.2	1.1	.1			1	İ	1			6.8	4.7
ESE	1.2	• 5	• 3	• 2			1					2.3	4.8
SE	• 2	.1		-						1		• 3	3.0
SSE	. 3	.1	. 4					1				. 9	5.1
S	1.2	1.2	• 2									2.7	3.8
ssw	. 4	1.9	1.1	• 1								3.6	5.2
sw	1.3	2.9	3.9	2.1	.1			1				10.3	7.9
wsw	2.1	3.4	7.0	4.4	. 9		i					17.9	8.8
w	3.3	4.2	8.0	2.3	• 1							17.7	7.0
WNW	1.4	1.4	. 4	• 1								3.4	4.1
NW	• 3	. 9										1.1	4.0
NNW	• 2	.5	• 1									.9	4.3
VARBL		• 2	7.3	2.6								9.8	9.4
CALM	><			><	> <	\times	><	>	><	\rightarrow	> <	ê.6	
	23.4	27.3	33.9	11.7	1.1							130.0	6.1

TOTAL NUMBER OF OBSERVATIONS

900

SLOBAL CLIMATOLOGY BRANCH JSAFETAC ATR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

105140 RAMSTEIN AS GERMANY 74-83	SEP
STATION STATION NAME YEARS	MONTH
ALL WEATHER	1-00-1700
CLASS	HOURS (L S.T.)
CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
Z	1.5	. 4								-		2.3	2.6
NNE	1.0	1.4	• 2				1					2.7	4.0
NE	. 7	1.8	. 3							1		3.0	4.6
ENE	2.3	2.7	1.3				,					5.3	4.8
8	1.3	2.6	1.1	. 1			-			1		5.1	5.2
ESE	• 6	1.1	. 4	• 2								2.3	5.6
SE	• 5	. 4	• ?	• 1								1.3	5.1
SSE	1.1	• 3										1.4	3.0
5	1.3	1.7	• 3									3.3	4.0
SSW	1.7	2.3	1.8	• 3								5 - 8	5.9
sw	1.1	2.3	3.7	1.4	• 2							8.8	7.9
wsw	2.8	4.9	7.4	3.1	. 4	. 1						16.8	7.7
w	2.3	5.6	5.1	3.1								19.6	7.4
WNW	1.1	1.7	. 9	• 2								3.9	5.5
NW	• 3	. 7	• 3									1.3	4.9
NNW	1.0	. 4							•		T	1.4	2.7
VARBL		. 3	5.6	2.4								9.3	9.4
CALM	\times	> <	> <	\times	\times	X	\times	\times	\times	><	> <	3.9	
	21,1	3].3	32.9	11.1	. 7	6.1					* • • • • • • • • • • • • • • • • • • •	103.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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BLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175147	RAMSTEIN AS SERMANY	74-93	565
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1900-2000
		CLASS	HOURS (L S T.)
		CONDITION	,

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
N	1.9	• 2										2.1	2.2
NNE	1.3	. 4										1.4	2.6
NE	1.9	1.2										3.3	3.0
ENE	3.4	1.4	• 3									5.2	3.2
E	3.4	1.9	• 2			1	1			1		5 • 6	3.2
ESE	1.1	1.1	• 3							1		2.6	4.0
SE	• 6	.6							1	1		1.1	3.4
SSE	.4	• 2							1			.7	2.8
5	1.6	1.3								1		2.6	3.2
SSW	2.2	2.1	. 9	•1					-			5.2	4.4
sw	2.2	3.0	2.4	• 2	_							7.9	5.6
wsw	2.5	4.9	5.4	1.3						1		14.2	5.4
w	3.9	4.7	4,4	1.5	•1							14.5	5.4
WNW	2.4	1.1	. 9									4.4	3.7
NW	. 9	• 2										1.0	2.8
NNW	• 3	• 2	-		-							• 6	3.2
VARBL			2.5	. 9								3.4	9.1
CALM		>	><		><	>	><	>	> <		><	24.1	/**
	29.7	24.3	17.4	4.3	•1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS ON

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

To describe the

P. C. C. C.

BLOBAL CLIMATOLOGY BRANCH BTAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 75143	RAMSTELN AS SERMANY	74-83	YEARS	SED
	<u> </u>	ALL WEATHER		2100-2300 HOURS (LS T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	• 3	• 1					-					. 4	2.5
NNE	• 5	• 3										. 7	2.5 3.0
NE	1.4	• 3										1.8	2.4
ENE	1.4	. 4										1.9	2.8
E	2 • 1	.7	• 1									2.9	2.7
ESE	. 4											- 4	1.8
SE		. 1						1				• 1	4.0
SSE	• 3	i										. 3	2.0
S	. 4	. 7	• 3									1.4	4.5
ssw	• 2	1.3	. 2	• 2								2.3	5.7
sw	1.3	1.8	1.3	• 8	• 2							5.1	7.1
wsw	2.1	3.0	2.9	.6								8.6	5.8
w	2.9	2.2	2.7	. 9								8.6	5.8
WNW	1 • 3	• 2	• 2									1.8	2.9
NW	. 7					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						. 7	1.3
NNW		• 1										1 .1	4.0
VARBL			1.0	. 7	•1					-		1.8	11.0
CALM	><	\times	\times	><	><	> <	\times	> <	><	><	> <	61.2	
	15.3	11.3	8.9	3.0	• 3							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

SLORAL CLIMATOLOGY BRANCH JSAFETAC AIR MEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

176147	RAMSTEIN AB GERMANY	74-83	SEP
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	HOURS (L.S.T.)
		HOLEIGHOS	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 8	. 3										1.1	2.7
NNE	• 3	. 5	• 3							1		1.4	3.3
***	1.1	• 8	• 1									2.0	3.4
ENE	1.3	1.2	• 3					1				3.3	3.7
E	2.1	1.4	• ta	• 0								3.9	3.7
ESE	. 7	. 4	• 1	• 1								1.3	4.1
SE	• 3	• 2	• 7	• 3								• 5	3.8
SSE	• 3	•1	• 1									.4	3.4
5	. 7	. 7	• 2									1.5	3.9
SSW	• 9	1.2	. 7	• 1								2.8	5.4
sw	1.1	2.2	2.2	1.1	• 1							6.5	7.2
wsw	2.1	3.8	5.2	2.0	• 2	• 0						13.3	7.3
w	3.3	3.5	4.1	1.2	• 0							12.1	6.2
WNW	1.3	.7	. 4	• 3								2.4	3.9
NW	• 3	• 3	• 3									•6	3.5
NNW	• 3	• 2	• 3									•5	3.1
VARBL		• 1	2.9	1.1	• 1							4.2	9.7
CALM		\times	><	\times	><	\times	\geq	><	><		$\geq <$	41.9	
	17.8	17.5	15.7	5.7	. 4	• 3						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 7199

PLOBAL CLIMATOLOGY RRANCH SAFETAC SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175143	RANSTEIN AB GERMANY	74-83	130
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0000-0200
		CLASS	HOURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	• 3	.1										4	2 • 5
NNE .	• 5	. 2								1		. 3	2.4
NE I	1.1	• 9										1.9	2.8
ENE	2.7	1.7	. 4									4.8	3.5
E	1.2	. 9	. 4									2.5	4.2
ESE	. 3	•1										.9	2.4
SE	• 2										•	• 2	2.5
SSE	. 1											. 1	3.0
5	.3	• 2										.5	3.6
\$5.4	. 4	. 3	.5	.5			1		<u> </u>			2.4	7.2
SW	• 3	• 5	1.3	• 2								2.4	7.6
wsw	1.7	4.0	4.1	2.4	• 1					† <u>†</u>		12.3	7.4
w	3.1	1.0	3.7	.6	•1							11.5	5.1
WNW	1.3	• 2								<u> </u>		1.5	2.3
NW	. 8											• 8	1.6
NNW	• 2											•2	2.5
VARBL		• 1	1.3	.2					-			1.3	8.5
CALM	>		\times	>	\times	> <		> <	> <		> <	55.5	
	15.1	13.7	11.5	4.0	• 2							150.0	2.5

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR HEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

106140	RAMSTEIN AB GERMANY	74-93	OCT
STATION	STATION RAME	YEARS	MONTH
		ALL WEATHER	0300-0500
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N		• 2										2	5.0
NNE	• 5	• 2								1		. 9	2.5
NE	1 • 1	• 5										1.5	2.8
ENE	3.3	1.7	. 4									5.5	3.4
E	2.2	1.0	• 2	.1								3.4	3.6
ESE	. 4	• 2								1		•6	3.7
SE	• 2											• 2	2.0
SSE	• 1											.1	3.0
5	• 3	•2										•5	3.4
ssw	1.0	• 2	• 1	. 6								1.9	7.1
SW	. 8	• 5	1.4	1.0								3.7	8.1
wsw	1.5	3.8	5.2	1.7	•1							12.3	7.3
w	3.9	3.7	3.3	1.4				-				12.3	5.9
WNW	• 3	. 3										•5	3.3
NW	• 3											•3	1.7
NNW	• 3	•1										.4	2.3
VARBL			1.5	• 3								1.9	9.2
CALM		><	> <	> <	> <	> <	> <	\times	\times	>	><	53.4	
	16.3	12.7	12.3	5.2		C	/ ====0 ×		i i			100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

SLOBAL CLIMATOLOGY BRANCH JEAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175140	RANSTEIN AS GERMANY	74-93		DET
STATION	STATION NAME	Y	EARS	MONTH
		ALL WEATHER		3600-3800
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	. 4	• 1					1					. 5	2.8
NNE	1.1	• 1										1.2	2.1
NE	1.7	. 4										2.2	2.5
ENE	2.3	2.4	• 3									4.9	3.7
E	2.9	• 6	• 2				1					3.8	2.9
ESE	•5	• 2								1		• 3	2.9
SE	• 6											. 6	2.0
SSE	• 3		• 1				!					. 4	3.3
5	• 3		• 1									. 4	3.5
SSW	• 2	• 5	• 5	• 2								1.6	7.6
5W	• 5	1.6	1.7	1.0	• 2							4.4	7.6
wsw	1.5	2.6	4.8	2.0	.1							11.1	7.7
W	3.7	3.3	3.3	1.5	• 1							11.6	5.0
WNW	1.0	. 4	• 2									1.6	3.3
NW	• 5											.5	1.4
NNW												4	
VARBL			1.3	1.0								2.8	9.8
CALM	><	\times	><	><	><	> <	><	\times	\times		><	51.5	
	17.7	12.4	12.3	5.7	. 4							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (OL-4) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH JOAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 35143	RAMSTEIN AB SERMANY	74-83	YEARS	OCT
BYATION	PIGLION NAME	ALL WEATHER		2010-1103 Hours (L 5 T.)
		CONDITION		

SPEED (KNTS) : DIR. :	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 5	• 3										1.3	3.3
NNE	1.3								1			1.3	1.6
NE	1.9	1.8										3.3	3.1
ENE	2.7	2.5	. 4									5.1	3.6
E	3.7	3.1	• ?						1			6.3	3.6
ESE	1.4	• 2	. 1						1			1.7	2.4
SE	• 3									•		• 3	2.0
SSE	. 4											. 4	2.0
\$. 4	• 3	. 1				2					. 9	4.3
SSW	. 5	1.1	. 9	• 2	• 1				i			2.9	5.4
sw	1.2	1.7	1.5	1.1	•1							5.6	7.3
wsw	1.9	3.8	5.3	3.0	•1							14.0	8.3
w	4.5	3.9	3.5	1.0	. 3	• 1			1			13.3	5.9
WNW	1.1	. 4	• 2									1.7	3.5
NW	• 1	. 3		i	-				!	i		. 4	4.5
NNW	. 3											• 3	2.0
VARBL			3.2	. 5	. 4							4.4	10.7
CALM	><	\times	\times	\times	\times	\times	> <	\times	\times	><	><	35.5	
	22.0	17.3	15,5	6.0	1.1	•1					Water 18 19 19 19 19 19 19 19 19 19 19 19 19 19	130.3	3.8

TOTAL NUMBER OF OBSERVATIONS

BLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/4AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175147	RAMSTELN AS SERMANY	74-93	ост
STATION	STATION NAME	YEARS	MONTH
		ALL HEATHER	1238-1400
		CLASS	HOURS (L S T)

SPEED (KNTS) DIR	1 5	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.7	. 4										2.2	2.3
NNE	1.3	• 9	• 1									2.7	2.9
NE	2.7	2.4						1				5.1	3.4
ENE	2.3	3.7	1.1					i				7.5	4 . 3
E	2.3	2.5	1.4	.1		- 0						5.3	5.0
ESE	. 9	• b					•					1.4	3.4
SE	. 4	• 2										• 5	3.2
SSE	• 3		•	1			1			•		• 3	1.7
S	. 4	1.3	• 1									1.5	4.5
55W	• 5	1.7	1.4	• 2								4.3.	6.3
5W	1.0	2.5	2.7	1.4	. 3	• 1					-	5.0	8.0
wsw	1.5	3.9	4.9	4.1	• 2							14.7	8.2
w	3.7	4.8	5.1	2.6	• 2							15.3	6.9
WNW	1.0	1.5	. 4		•1							3.9	4.3
NW .	• 3	. 5	• 1									1.5	3.5
NNW	. 7	•1	.1							•		1.1	3.1
VARBL		.1	4.7	2.0	. 5	- 1				•	. –	6.3	13.5
CALM	><	\times	><	><	\times	> <	><	><	\times	><	><	16.0	
	23.5	27.0	21.4	10.4	1.4	• 2						100.0	5 . 3

TOTAL NUMBER OF OBSERVATIONS 930

SLORAL CLIMATOLOGY BRANCH JSAFETAC ATR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175147	RAM TEIN AS SERMANY	74-83	
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1500-1700
		CLASS	HOURS (L S T)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.5	1.0										. 2.E.	2.5
NNE	1.5	1.4	•									3.0	3.1
NE	3.3	2.7	. 4									5.7	3.5
ENE	2.5	3.1	1.5	• 1								7.5	4.9
E	1.1	3.2	1.5	. 1								6.0	5.6
ESE	• 5	• 2	• 1									. 9	3.1
SE	• ?	• 2										. 4	3.3
SSE	• 5	. 5	• 2						•			1.3	4.0
5	• 6	1.3	• 1							• •		1.7	3.8
55W	1.5	2.2	1.0									4.7	4.8
sw	1.3	1.8	4.3	1.5	. 3				1			9.2	8.0
wsw	2.6	3.4	5.7	2.5	. 3				1	-		15.8	7.7
w	2.3	5.1	4.4	3.4	.3							16.1	7.5
WNW	. 9	1.5	- 2		•1							2.7	4.8
NW	1.7		. ?									1.6	3.5
NNW	. 7	.1										1.3	2.4
VARBL			4.3	.9	.3							5.4	9.7
CALM	><	\times	><	><	> <	\times	><	> <	> <	><	><	13.3	
	23.3	28.1	25.5	8.7	1.3							130.0	5.4

TOTAL NUMBER OF OBSERVATIONS

SLOBAL CLIMATOLOGY BRANCH JEAFETAC AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Col

175147	RAMSTEIN AS SERMANY	74-83	QCT
STATION	STATION NAME	76/	es wonth
		ALL WEATHER	1 200-2000
		CLASS	HOURS (L S T)
	a service of the serv	CONDITION	And the second second

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N		• 1								59			. 2.
NNE	1.5	• 1										1.6	2.
NE	3.7	1.7										5.4	2.
ENE	3 . 5	2.5	• 3									6.5	3.
E	2.5	2.2	1.7									5.7	4.
ESE	1.5	• 3										1.6	2.
SE	• 3											• 3	2.
SSE	• 3	• 2										• 5	2.
5	1.7	. 5	•									2.4	2.
ssw	1.1	1.8	. 7	. 1						-		3.9	5.
SW	1.9	2 . B	2.7	. 9	•1							7.7	6.
wsw	2.9	4.4	4.9	1.4	• 1					-		13.5	6.
w	2.7	3.2	3.2	1.4	•1							10.6	5.
WNW	1.3	. 5										1.8	2.
NW	• 5		1									• 5	
NNW	• 3	• 1										. 4	2.
VARBL			1.1	. 4				-		•		1.5	9.
CALM	><	\times	\times	> <	\times	\times	> <	\sim	\times	\sim	><	34.9	
	25.5	23.8	13.3	4.2	.3	(n	-					100.0	3.

TOTAL NUMBER OF OBSERVATIONS 930

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAG

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175147	RAMSTEIN AB GERMANY	74-93		SCT
STATION	STATION NAME		YEADS	MONTH
		ALL WEATHER		1100-2300
		CLASS		HOURS (L S T.)
		COMDITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	. 4						1					4	1.8
NNE	• ?						i					• 2	1.0
NE	1.4	• 6										2.0	2.9
ENE	3.5.	1.7	• 2									5.6	3.3
ŧ	1 . 3	1.1	. 4					1000		7.2		2.8	4.2
ESE	1.1	. 1		\						1		1.2	2.1
SE	• 3											• 3	2.0
SSE	. 4												2.5
\$	• 2	. 4	57						oncom of			. 6	4.0
55W	• ?	1.2	. 5	• 2						1	!	2.3	6.1
sw	• 5	1.7	2.3	. 4	•1			1			-	5.1	7.2
wsw	1.2	3.5	4.4	1.2								10.3	7.3
w	4.5	3.5	2.7	. 5					1			11.7	5.2
WNW	2.7	• 2				1						2.9	2.2
NW	. 4									1		. 4	2.0
NNW	• 1											• 1	3.0
VARBL			. 9	• 2							1	1.1	8.5
CALM		\times	><	\times	> <	\times	\times	\times	\times	\times	><	52.5	, in
	13.6	14.2	11.5	2.8	•1							122.2	2.5

TOTAL NUMBER OF OBSERVATIONS

SLORAL CLIMATOLOGY PRANCH JSAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

105140	RANSTEIN AB SERMANY	74-83	DCT
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	HOURS (L S.T.)
		COMPITION	

SFEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• R	• 3	į									1.0	2.6
NNE	1.1	• 3	• 7									1.5	2.5
NE	2.1	1.4	. 1									3 • 5	3.2
ENE	2.9	2.5	. 7	• 0								6.1	3.8
E	2.1	1.8	. 7	• 3								4.6	4.3
ESE	. 9	• 3	• 7							i		1.2	2.7
SE	• 3	• 1										. 4	2.4
SSE	• 3	• 1	• 7									• 5	3.0
5	• 6	• 5	• 1									1.1	3.6
SSW	. 7	1.2	. 3	• 3	• 0							3.0	5.1
sw	1.7	1.7	2.1	. 9	.1	• 0						5.8	7.5
wsw	1.3	3.7	5.7	2.3	• 1							13.0	7.6
w	3.6	3.9	3.6	1.6	.1	•)						12.9	6.3
WNW	1.3	. 5	• 1		• 3							2.1	3.4
NW	. 6	• 2	. 7									.8	2.8
NNW	. 4	• 1	• 0									. 4	2.6
VARBL		•0	2.2	. 7	• 2	• 3						3.1	9.9
CALM	><	\times	><	><	><	\times	\times	><	><	><	\times	39-1	
	23.4	18.6	15.4	5.9	. 6							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

7439

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH JSAFETAD AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RAMSTEIN AB GERMANY	74-93	NOV
STATION	STATION NAME	YSARS	NTMON
		ALL MEATHER	3000-3200
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	•?	-1	1									3	2.7
NNE	. 4	. 3										. 8	3.6
NE	1.3	• 3										2.1	3.2
ENE	3 - 1	1.6	. 5	• 1								5 . 3	3.6
E	1.8	1.1	• 5	• 1								3.6	4 . 3
ESE	. 4	• 2								1		.7	3.0
SE	• 3	• 2										1.0	2.9
SSE	. 4											.4	2.0
S	. 4	• 2										• 7	3.3
55W	. 4	1.3	.6		• 1							2.6	7.4
sw	. 4	1.4	2.3	1.3	• 3	• 3						5.2	9.4
wsw	2.3	4.4	5.2	3.6	1.1	•1				1		17.4	8.5
w	3.5	4.1	4.1	1.1	. 2	• 1	•1					13.3	5.5
WNW	2.0	• 2	• 1								,	2.3	2.6
NW	. 4											.4	1.8
NNW	•1	•2										• 3	3.7
VARBL			2.5	1.8	• 3	. 4	. 1					5.2	12.3
CALM	><	\times	> <	><	><	\times	>	> <	$\supset \subset$	>	> <	37.2	
	19.0	15.0	17.3	8.4	2.1	1.3	• 2					103.0	4.4

TOTAL NUMBER OF OBSERVATIONS 900

4.

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 35143	RAMSTEIN AB SERMANY	74-83	NOV MONTH
2.2.1.0		ALL WEATHER	3703-3590 Hours (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 · 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 4	• 2								1		. 7	3.2
NNE	• 3	. 7										1.01	3.6
NE	. 8	. 4	. 3							i		1.6	4.1
ENE	2.9	1.7	. 9	• 3								5.8	4.4
E	2.0	1.0	• 1									3.1	3.3
ESE	. 4	• 1										-6	3.8
SE	• 2											•2	1.5
SSE	. 4	•1										•6	2.0
5	• 2	• 3	• 2	•1								.9	5.9
SSW	• 3	1.1	. 9	• 6								2.8	7.4
sw	1.5	1.9	2.3	1.1	. 4	• 1						7.4	7.9
WSW	2.2	4.4	4.9	3.3	1.2	• 2						16.3	8.7
w	3.1	4.4	3.1	2.2	. 6		• 2					13.7	7.4
WNW	.7	•1										. 8	2.3
NW	• 3	• 2										.6	3.0
NNW	• 1											1 .1	2.0
VARBL			2.4	1.0	. 3							3.8	11.1
CALM	><	><	\times	><	><	\times	\times	><	> <	\rightarrow	><	40.2	
	16,1	16.8	15.1	8.7	2.6	• 3	• 2				. · · .	130.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

BLOBAL CLIMATOLOGY BRANCH JSAFETAC ATR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RAMSTEIN AB GERMANY	74-83		VOV
STATION	STATION NAME		TEARS	MONTH
		ALL SEATHER		0500-0800
		CLASS		HOURS (L S. T.)
		COMDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 5									- 11		. 6	2.2
NNE	1.1	. 6										1.7	3.1
NE	1,4	. 4	. 3						11		,	2.2	3.7
ENE	1.3	2.3	1.1				_					4 . 8	4.7
E	1.6	.7	. 9				i					3.1	4.3
ESE	.8	.1									•	. 9	2.3
SE	•1		• 1									• 2	5.5
SSE	. 3	. 1										4	2.8
5	•1	. 5		• 1								1.0	5.2
SSW	• B	.7	.9	. 9								3.2	7.7
sw	1.7	2.7	2.1	1.1	• 2	• 3						7.4	8.2
wsw	1.7	4.3	5.4	2.7	. 9	•1					•	15.1	8.4
w	3.1	3.6	3.5	2.1	•1	. 4						12.9	7.6
WNW	1.3	. 6		• 1								2.3	3.3
NW	• 2	•1			-							• 3	2.0
NNW	. 4	• 2										.7	2.8
VARBL	-		2.1	1.1	. 3							3.6	11.5
CALM	><	><	> <	> <		> <	> <	><	> <	\rightarrow	><	39.9	10 20 = 10 = 1
	15.9	17.1	15.6	8.1	1.5	. 9						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLÖBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

E.

1 051 + 3	RAMSTEIN AS GERMANY STATION NAME	74-83	NOV MONTH
		ALL MEATHER CLASS	3939-1130 HOURS (LS T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.1	•1	- 14				-				Y	1.2	2.
NNE	1.1	. 4										1.6	2.
NE	1.2	1.0	• 1									2.3	3.
ENE	2.5	1.9	1.9	• 2								6.4	4.
E	2.2	.7	. 3					i				3.7	3.
ESE	1.3	•1										1.4	2.
SE	. 4	•1										• 6	2
SSE	. 5	• 2								1		• 3	3.
S	• 6	. 4	• 2	•1					1	1		1.3	5.
SSW	. 9	- 6	2.2	. 4	• 1					1		4.1	7
SW	.7	2.3	4.2	1.2	• 2	•1						8.8	8
wsw	1.5	5.0	7.3	3.4	1.2	. 4						19.9	8
w	2.9	3.1	2.5	1.1	• 2	• 2						10.1	6
WNW	. 4	• 2	• 3									1.0	4,
NW	.1	•1										• 2	3
NNW	. 4									· · · · · · · · · · · · · · · · · · ·	-	. 4	1
VARBL		• 1	2.9	1.6	• 3	• 1						5.0	10.
CALM	><				> <	$\Rightarrow \ddot{z}$	>	>	>			31.1	
	19.2	17.4	22.1	8.1	2.1	, ,						100.0	4,

TOTAL NUMBER OF OBSERVATIONS 93

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SLOBAL CLIMATOLOGY BRANCH JSAFETAC ATR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 35143	RAMSTEIN AB GERMANY	74-93		NOV
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1200-1400
		CLA98		HOURS (L.S.T.)
		COMMITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56) 	MEAN WIND SPEED
N	1.1	• 2										1.3	2.5
NNE	2 • 8	1.4						_				4 . 2	3.0
NE	1.5	1.4	• 1									3.1	3.9
ENE	1.7	2.2	1.3	.6								5.8	5.5
E	1.5	1.0	1.2									3.6	4.7
ESE	.7	• 1	• 2									1.0	3.3
SE	. 6	.2	• 2									1.0	3.9
SSE	. 4	.3										• 9	3.0
S	. 8	• 3	• 3									1.4	3.7
ssw	. 3	1.2	2.7	1.6								5.6	8.2
sw	1.0	3.4	4.4	1.8	.1					1		10.8	7.7
wsw	1.2	4.4	3.1	4.2	1.0	• 6	•2		<u> </u>			19.8	9.6
w	1.9	4.0	5.3	2.0	. 3	•1	.1		 	1		13.8	7.9
WNW	. 3	. 8	• 3			<u></u>						1.9	3.9
NW	• 5	• 2	.1									.9	3.3
NNW	• 3	. 4	.1									.9	4.1
VARBL	• •		5.5	2.2	. 4	• 2						8.4	10.6
CALM						· ·						15.6	1900
	17.7	21.9	29.4	12.3	1.9	. 9	• 3					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

136143	RAMSTEIN AB GERMANY	74-93	
STATION	STATION HAME	YEARS	KTHOM
		ALL HEATHER	1500-1700
		CLASS	HOURS (L.S.T.)
		CONDITION	
		COMDITION	

	20.3	25.1	28.3	11.7	2.2	. 3						100.0	
CALM	>>	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\ge	\times	\times	\times	$\geq \leq$	11.3	
VARSL		.1	1.5	1.6	. 6	• 1		_				7.1	10.
NNW	• 2	•1										• 3	2.
NW	• 6	• 2	• 1									. 9	3.
WNW	1.4	1.1	. 4									3.0	4.
w	2.2	4.3	4.1	3.6	. 8							15.0	8.
wsw	2.3	4.9	9.2	3.0	.7	• 2						19.3	8.
sw	1.3	4.1	5.3	1.8	• 2							12.8	7.
SSW	. 8	1.9	1.3	1.2								5.2	7.
5	. 3	.7	. 6									1.6	6
S.C.		•1										• 1	4
SE	• 2		.1					-				- 3	3.
ESE	•8	.1	•1	• •						1		1.3	3 .
E	1.2	1.6	1.4	- 1					-			4.3	5
NE ENE	2.2	2.7	1.4	. 4						1		5.4	5.
NNE	2.6	2.8	• 2									3.0	<u>3.</u>
N	1 . 3	. 7					1					2.4	
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 · 47	48 - 55	≥ 56	•	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR JEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 751 4 3	RAMSTEIN AB SERMANY	74-83	YEARS	NOV
		ALL WEATHER		1900-2000 HOURE (LET)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.3	. 4				V TOTAL						1.5.	2.6
NNE	1 - 4	. 2							į			1.7	2.2
NE	2.3	1.0	• 2									3.5	3.1
ENE	3.3	2.4	. 5	• 3								5.7	4.2
ŧ	1.6	1.2	• ?	• 1						•		3.1	4.1
ESE	. 9	• 2								•		1.3	2.9
SE	• 1	• 2						1		•		• 3	3.7
SSE	• 2	•2	• 1							•		. 6	4.4
s	1.1	. 3	. 3									1.8	3.7
SSW	. 9	1.0	1.3	. 6	•1							3.4	7.3
sw	2.0	3.2	3.4	1.3	•1	. 1					-	10.2	7.1
wsw	2.9	5.1	5.2	3.2	. 6	• 1						17.1	7,7
w	2.4	3.9	1.9	1.4	. 4	• 1						10.1	6.9
WNW	.4	. 8	• 1	•1								1.4	4.7
NW	• 3	•1										. 4	3.0
NNW	. 2	. 4								•		.7	4.3
VARBL	• 1	• 2	4.1	1.3	• 3	•1	-			1		6.2	13.3
CALM			><		> <	>	> <	><	\times	><	><	29.9	
	21.4	21.1	17.1	8.4	1.6							102.5	4.5

LATOT	NUMBER	٦F	OBSERVATIONS	 9	ם
IOIAL	NUMBER	JF	OBSERVATIONS	 9	2

SLOPAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 351 4 3	RAMSTEIN AS SERMANY 74-83	VCM
	ALL WEATHER	2100-2300 HOURS (LST)
	CORDITION	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• 9	. 6			1							1.3	2.9
NNE	. 9	. 9					1					1.9	3.2
NE	1.3	1.3										3.1	3.0
ENE	2.3	1.3	. 4	. 4						•		5.3	4.5
E	1.5	1.7	• 5	• 2	-					. – .		4.0	4.6
ESE	• b	. 4					•			•		1.0	
SE	. 7									•		.7	1.8
SSE	. ?	. 3										.6	3.8
5	. 4	• 2	. 3	•1								1.1	5.3
SSW	• 3	1.1	1.7	. 4	• 2							3.1	8.3
SW	. 3	2.6	3.0	1.7	. 3	• 3				• • • • •		8.2	9.0
WSW	1.9	5.0	5.2	3.6	• 1					•		15.9	7.7
w	3.0	3.1	3.7	1.4	. 4	• 1			•			11.6	7.3
WNW	. 8	. 5	• 1									1.4	3.3
NW	• 2	•1	• 2										4.6
NNW	• 3	•1		1						••		. 4	2.8
VARBL	• 1	•1	2.3	2.1	• 2	. 4						5.3	12.0
CALM	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	><	$\geq \leq$	>	><	$\geq \leq$		><	34.8	- * * * * * * * * * * * * * * * * * * *
	15.2	17.9	15.9	10.0	1.3	. 9						133.3	4.5

TOTAL NUMBER OF OBSERVATIONS 900

SLOBAL CLIMATOLOGY BRANCH JEAFEAC ATR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175140	RAMSTEIN AB GERMANY	74-83		Nav
STATION	STATION NAME		YEARS	MONTH
		ALL MEATHER		ALL
		CLASS		HOURS (L S T)
		CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	. 9	• 3										1.2	2.
NNE	1.3	. 7	٠,									2.3	3.
NE	1.6	1.7	• 2									2 • 9	3.
ENE	2.4	2 • 1	1.7	• 3								5 . 8	4.
E	1.7	1.1	. 7	.1								3.6	4.
ESE	. 7	• 2	• 0									. 9	2.
SE .	. 4	• 1	• 1									. 5	3.
SSE	• 3	• 2	• 7						•			.5	3.
5	• 5	. 4	•?	• 1								1.2	4.
55W	. 6	1.1	1.2	. 9	. 1							3.7	7.
sw	1.3	2.7	3.4	1.4	• 2	• 2						9.0	8.
wsw	2.0	4.5	5.3	3.4	. 8	• 2	. 0					17.5	8.
w	2.3	3.5	3.5	1.9	. 4	• 1	. 1		1			12.6	7.
WNW	1.0	. 5	• 2	. 7								1.7	3,
HW	• 3	- 1	. 1									• 5	3.
NNW	• 3	• 2	• 3	ı								. 5	3.
VARBL	. 3	• 1	3.3	1.6	. 4	• 2	. 0	-				5.6	11.
CALM	><	> <	><	\times	><	> <	><	><	\times	\sim	><	30.0	
	17.9	19.5	23.3	9.5	1.9	• 7	.1					100.0	4.

TOTAL NUMBER OF OBSERVATIONS

SIDARL CLIMATOLOGY RRANCH USAFETAS AIR MEATHER SERVICE/MAG

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175147 74-93 ALL MEATHER 2202-2230

-

SPEED KNITS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N .		• ?										. • • • .	905
NNE	• 5	• 5.										1.2	3.2
NE	1.3	. 8	• 1									1.9	3.
ENE	1.0	2.9	1.2	• 1								5.1	4.
E	1.5	1.5	1.3	•1								3.7	4.
ESE	1.7	• 1	• 1								•	1.2	i e t
SE	• 5											• 2	2.0
SSE	• 5	• 1	• 1								•	. 4	4.0
5	• 1	•	• 1	• 2	• 2						•	• b	12.7
55W	• 3	. 9	1.7	. 4	. 3			• • • • • • • • • • • • • • • • • • • •			•	2.9	8.5
SW	• 7	1.4	2.5	2.7	. 1	•1		•		•	•	5.3	9.7
wsw	1.9	3.9	7.5	4.6	. 9	• 2		•		•	•	18.9	8.8
w "	2.5	3.3	4.1	3.3	. 3			•		•	•	13.5	7.5
WNW "	. 7	• 2	• 3	• 1				•		•	•	1.5	4.
NW ,	. 3	. 2		•				1		•		. 5	3.0
NNW	. 4	.1			any comment		000 000 000 N					. 5	2.0
VARBL		• 1	1.4	1.1	. 5							3.2	12.7
CALM	><	><1	><	><	><	><	> <	\sim	><		>4	35.4	
	13.9	15.6	17.5	12.7	2.1	. 3						120.2	5

TOTAL NUMBER OF OBSERVATIONS

SLOBAL CLIMATOLOGY PRANCH JEAFETAC ATR JEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- man and a second

175147 RAMSTEIN 83 GERMANY 74-93 DEC

| STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATION | LIE | STATIO

SPEED ANTS MEAN WIND SPEED 17 - 21 22 - 27 28 - 33 34 - 40 1 - 3 7 - 10 41 - 47 48 - 55 1 · 1 3.2 . 1 NNF 3.7 NE 1.1 2.3 4.9 ENE 2.5 1 . 4 5.4 4.4 ESE 2.8 . 5 2.5 SE SSE . 3 3.3 5 • 3 6.6 . 3 1.7, .6 2.9 .1 SSW 8 . 4 2.2 . 5 . 3 7.5 1.9 1.9 9.9 sw 2.9 2.3 3.9 7.7 . 9 . 3 18.3 8.9 wsw 1.4 4.5 13.7 8.2 . 8 1.3 . 4 2.5 3.8 WNW . 4 • 3 3.5 . 2 . 1 4.3 NNW • 3 3.5 13.3 32.3 19.4 13.5

TOTAL NUMBER OF OBSERVATIONS

930

14.

SLORAL CLIMATOLOGY BRANCH SERVICEMBAL AIR MEATHER SERVICEMBAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Carlo

175147 RANSIEIN AS SERMANY 230 J633-3833

ENTS: D-R	1 + 3	4+4	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	40 - 55	≥ 54	•	MEAN WIND SPEED
N	• 5	• 2	•1									1.1	3.2
HHE	• 3	• ?										5.	2.6
NE	• • •	• • •	. *										4.2
ENE	2.5	3.5	1.7									7.1	4.3
ŧ	1.5	2.2	• 3									4.1	3.9
ESE	. 3												3.4
St ·	• 1	•2										.5	3.6
358	• ?	.1	.1									.4	4.5
•		. 2	• ?									.4	5 . 6
ssw .	• 5	. 3	. 9	.5	.3							3.0	8 . 6
5W	.5	2.3	3.4	1.5	. 9		.1					5.7	9.2
wsw	1.3	3.4	7.3	3.2	1.3	.3						16.9	9.4
w .	3.1	4.3	4.3	3.0		.1					9	14.9	7.5
www .	.6	. 6	.1									1.4	3.7
NW	• ?	.1										. 3	3.3
NNW		. 3	.1									. 3	4.4
VARGE			1.9	1.9	1.3	.2						5.3	13.5
CALM		><	><	><	><	> <	><	><	> <	><		31.7	
PR. 24.	13.7	19.7	19.5	10.2	1.2	.5	•1					130.0	5.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 GL-A PREVIOUS SOLTIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

175143	RAMSTEIN AB SERMANY	74-93		3 E C
8741104	STATION NAME		YEARS	-
		ALL WEATHER		3933-1100
		CLA 56		HOURS (LST)

SPEED KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	5	,3										1.2.	. 2.5
NNE	. 4	• 5	• 1					•				1.1	3.5
NE	1.3	1.2										2.2	3.6
ENE	2.3	2.7	1.7									5.7	4.6
E	1.9	2.4	. 9	. 1								5.3	4
ESE	• 5	• 2										. 9	2.0
SE	. 4	• 2		2								• 5	3.2
358	?	•1										- 3	3.0
5	• 1	• 2	• 5	• 1								1.0	7.0
ssw	. 5	1.0	. 9	. 6								3.0	7.6
sw	1.3	2.6	2.7	2.5	1.3	• 1	• 2					10.3	9.
wsw	1.4	5.5	7.5	4.5	. 9	. 3	• 1					21.5	9.
w	2.5	4.6	3.1	2.8	. 5	• 1			•			13.8	7.
WNW	. 4	. 4										• 9	3.
NW	• 2	• 1		Ī					1			. 3	3.
NNW	• 2											• 2	2.5
VARBL		•1	1.9	1.5	. 4	.1						4.2	11.
CALM	><	><	><	><	><	\times	> <	><	><	><	><	26.9	
	14.2	23.2	19.5	12.4	2.9	. 5	. 3				2 2 3	100.3	5.

SHOITAVERSE OF OBSERVATIONS 933

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

20

SPEED KNTS DIR	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 · 27	20 - 33	34 - 40	41 - 47	40 - 55	≥56	•	MEAN WIND SPEED
N .	. • 0.	• 2	1						•			1.1.	3.3
NNE								•					1.8
NE .	1 • 1.	1.4						-		•		3.1	3.4
ENE .	1.1	3.3	2.5	• 1					•	•		7.5	5.
E .	1.3	1.5	2.3	• 6					•			5.2	6.1
ESE	• 5	• 3							•				2 . t
SE	, ?	• 1	• 1	• 1								. 6	5.0
SSE	. 3											• 3	1.0
5	• 5	. 5	• 5	. 3								2.0	5 . 1
ssw	• ?	1.1	• 3	1.0	• 2							3.2	8 . 9
sw	1.3	1.5	3.5	2.5	• 1		• 2		1			9.5	9.5
wsw	1.5	1.1	3.5	5.8	1.9	• 1	. 1	•			in an annual and	22.5	9.
w	2.2	5.5	1.9	3.4	. 3	• 1		1	•			16.5	7.8
WNW	. 4	• 2						•	1	1		• 5	3 . 3
NW	• 3	. 2		•				1	1	•		. 5	3.4
NNW	. 4	• 2		•						•		• 6	3.5
VARBL			3.4	2.4	1.2	• 2						7.2	12.
CALM		$\geq \leq$	$\geq <$	$\geq <$	> <	$\geq $	> <	><	><	><	><	15.5	
	14.5	21.1	26.3	15.5	3.8	. 1	. 3					100.2	6.

TOTAL NUMBER OF OBSERVATIONS 930

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

105140	RAMSTEIN AB SERMANY	74-83		DEC
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1539-1700 HOURS (L.S.Y.)
	With the second	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.4	1.1						İ				2.5	3.1
NNE	1.3	. 5	. 1									1.9	3.2
NE	2.4	1.8	. 3									4.5	3.6
ENE	3.2	5.2	1.9	• 1								10.4	4.8
E	1.3	2.0	1.5	• 2								4.6	5 . 6
ESE	• ?	• 2										.4	3 . 8
SE	• 2											• 2	1.5
SSE	• 2	.1					-					. 3	3.0
5	. 4	. 4		. 3								1.2	6.4
SSW	1.1	1.6	• 2	1.3								4.2	7.2
sw	1.7	2.3	3.1	2.5	• 3	•1	•1		-			13.2	8.4
WSW	1.9	5.5	7.7	5.8	. 9	• 2	-					22.0	9.0
w	1.9	2.8	5.6	4.0	. 6	• 1						15.1	8.9
WNW	1.2	. 4	• 1									1.7	3.2
NW	• 3	. 6										1.0	4.0
NNW	•1	.1										• 2	3.5
VARSL			3.3	1.4	. 6	. 4						5.5	12.3
CALM	><	> <	> <	>	$> \stackrel{\circ}{\sim}$		><	\times	\times		> <	13.8	
	15.6	24.7	23.5	15.7	2.5	, 9	•1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM $_{\rm JUL~64}$ 0-8-5 (OL-A) previous editions of this form are obsolete

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 351 43	RAMSTEIN AS GERMANY	74-83	DEC
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1800-2000
		CLASS	NOVES (L.E.T.)
		CONDITION	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	• 3	• 2					1			10		5	2.6
NNE	1.3	. 4										1.7	2.9
NE	2.2	1.7	• 1									4.0	3.4
ENE	3.2	3.0	1.4									7.6	4.3
Ę	1.4	2.5	• 3									4.6	4.5
ESE	• 5	• 1								ı		•6	2.8
SE	•1											• 1	2.0
SSE				• 1								• 1	13.0
5	• 2	• 2	• 3	. 4								1.2	8.9
SSW	1.2	. 9	1.3	1.3	.1							4.7	7.8
sw	1.1	1.1	2.5	1.7	. 2							6.7	8.7
wsw	1.7	4.7	8.2	4.4	1.0	• 2						20.2	8.7
w	3.0	3.2	4.7	2.4	. 8							13.3	7.7
WNW	• 5	• 2	• 2	• 1								1.2	4.2
NW	• 5	• 1										. 6	2.5
NNW	• 1		• 1									• 2	5.0
VARBL		•1	2.5	1.6	. 3	• 1	• 1					4.7	11.4
CALM		\times	> <	><	><	\times	\times	\times	><	\searrow	> <	27.7	
	17.5	13.5	21.4	12.3	2.4	. 3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

2

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

136143	RAMSTEIN AB GERMANY	74-83	DEC
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 · 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	. 3											3	2.0
NNE	• 3	. 9								i		1.6	3.2
NE	1.2	1.3	• 1									2.3	3.6
ENE	2.2	2.5	. 3									5.5	4.4
E	1.3	1.8	. 5									4-2	4.0
ESE	• 5	. 3		.1						i		1.1	3.6
SE	• 2	• 2										.4	3 - 3
SSE	• 2											• 2	2.5
S	• 2		. 4	• 2	• 3	• 1						1.3	12.6
SSW	• 2	. 5	. 3	• 2	•1							1.9	8.4
sw	1.2	2.0	2.9	2.2	. 3	-						8.6	8.2
WSW	1.6	4.0	9.0	4.6	. 9	•1						20.2	9.0
w	2.5	2.9	3.3	2.4	. 4							11.3	7.7
WNW	. 9	• 5	. 3									1.7	3.8
NW	• 1	.1										• 2	4.0
NNW	• 1	• 3	• 1									•5	5.0
VARBL			2.5	2.2	. 4	• 1						5.2	12.0
CALM	><	\times	>	><	> <	> <	\times	> <	>		> <	33.4	
	14.2	17.3	27.4	11.8	2.5	. 3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 93

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

135143	RAMSTEIN AS GERMANY	74-83	DEC
		ALL WEATHER	ALL HOUSE (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	~	MEAN WIND SPEED
N	• 6	- 3	• 3									9	3.1
NNE	. 7	. 4	• 3									1.2	3.0
NE	1.4	1.2	. 1									2.8	3.6
ENE	2 - 3	3.3	1.5	• 1								7.2	4.8
E	1.7	1.9	1.0	• 1								4.8	4.8
ESE	• 6	.3	. 3	.0						1		. 9	3.0
SE	• 3	•1	• 0	• 3								.4	3.3
SSE	• 2	•1	• 3	. 0								• 3	3.6
S	• 2	• 2	• 3	• 2	.1	• 3						1.1	8.3
SSW	• 5	. 9	. 3	. 8	.1							3.2	8.2
sw	1.1	1.9	2.9	2.2	.5	•1	•1					8.7	9.1
wsw	1.7	4.5	7.9	4.6	1.0	• 2	• 0					20.1	9.1
w	2.4	3.9	4.2	3.0	. 5	•1						14.0	7.9
WNW	.8	. 4	• 2	.0								1.4	3.7
NW	• 3	• 2										•5	3.4
NNW	• 2	•2	• 0									. 4	3.8
VARBL		•0	2.3	1.6	.7	• 2	.0					4.9	12.4
CALM	><	>	> <	\times	>		\times	\times	\times	\times	><	27.2	
	15.2	19.9	21.3	12.7	3.0	. 5	• 1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 748

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

136143	RAMSTEIN AB GERMANY	74-83	ALL
STATION	STATION NAME	YEARS	HONTH
		ALL MEATHER	ALL
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.0	. 7	• 1	• 0								1.8	3.4
NNE	1.2	• 9	• 1									2.2	3.4
NE	1.7	1.7	• 3	• 0								3.7	3.9
ENE	2.1	2.7	1.2	• 2	• 0							6.3	4.9
E	1.8	1.4	. 5	• 2	• 0							4.2	4.8
ESE	- 5	• 3	• 1	• 3	• 0							1.0	3.6
SE	• 3	• 1	• 3	.0								.4	3.2
SSE	• 3	•1	• 1	• 0	.0							• 5	3.7
5	- 5	. 4	• ?	• 0	• 3	• 0						1.1	4.5
SSW	. 7	1.0	.7	• 3	• 0	• 3						2.6	5.1
sw	.9	2.0	2.2	1.2	• 2	.1	.0				•	6.6	7.9
WSW	1.9	3.5	5.7	2.7	. 4	.1	• 0					13.9	8.3
w	2.9	3.7	3.7	1.7	• 2	. 3	.0					12.2	6.8
WNW	1.1	. 8	. 3	-1	• 0							2.2	4.1
NW	. 4	• 3	• 1	• 3	• 0							.8	3.6
NNW	. 4	• 3	• 0	.0								. 8	3.6
VARSL	• 0	•1	3.9	1.4	• 2	•)	• 0					5.6	10.0
CALM	><	\times	><	>	> <	\times	X	\times	> <	><	> <	34.3	
V-10-2-	17.8	23.1	18.5	7.9	1.1	• 2	. 0					100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 87633

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STOR TO THE COS DIDING THE STORE OF THE STOR

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 1é	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	4	MEAN WIND SPEED
N	. 7	• 3										1.0	3.0
NNE	1.1	.6	• 0									1.7	3.0
NE	2.1	1.9	• 2									4 - 1	3.5 3.5
ENE	3.3	3.2	1.0	• 1	• 0							7.7	4.3
ŧ	2.0	1.7	. 4	• 1								4.1	4.0
ESE	• 5	• 2	• 2									. 9	2.7
SE	• 3	•1	. 0	.0								. 4	3.2
SSE	• 2	•1	• 3	.0								. 3	3.2
\$	• 3	.1	• 1	• D	• 0	• 0						.5	6.1
ssw	• 5	. 4	. 4	. 3	• 1							1.7	7.0
sw	. 9	1.8	2.5	1.3	• 1	•)						6.5	7.9
wsw	1.9	4.4	5.1	3.8	. 4	• 1						16.6	8.2
w	3.0	3.5	3.2	1.1	• 1	• 5						11.0	5.2
WNW	• 9	.3	. 1	. 5								1.3	3.4
NW	• 3	•1	• 3									• 3	2.7
NNW	• 2	• 3	• 3									• 3	2.9
VARBL	•0	• 3	1.4	.7	• 2	• 1						2.3	13.8
CALM	\times	> <	> <	><	> <	> <	\times	\times	><	X	> <	38.9	
	19.4	15.5	15.5	7.5	. 9	• 2						130.0	3.8

TOTAL NUMBER OF OBSERVATIONS 15618

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 5. By month by standard 5-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by reference to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the >10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

C. ..

CENING	1						Vi	PINITIA IZ	IAIUIL MI	resi						
(PEE1)	≥ 10	.≥ .	l es	24	23	 2 2 %	= 3	# 1%	21%	ž į	2 4	2 %	5 %	≥ 5/16	≥ <u>¼</u>	≥ 0
O CENTA		$\stackrel{\checkmark}{\sim}$			<u> </u>					\succeq	\searrow)	\geq			
≥ 1800 ≥ 1500					21.0						, .					92.6
≥ 1200 ≥ 1000														·		:1
2 900 2 800																
700																
\$ 500 2 400				7.00			:			97.4	2=	, .		· · ·		98.1
200												••				
È 100		1			95.4		96.9			98.3						100.0

- Read ceiling values independently of visibility under column at right headed > 0. EXAMPLE # 1 For instance, from the table: Ceiling > 1500 feet = 92.6%. Ceiling > 500 feet = 98.1%.
- Head visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table: Visibility ≥ 3 miles = 95.4%. EXAMPLE # 2 Viulbility ≥ 2 miles = 96.9%. Visibility ≥ 1 mile = 90.3%.
- Y to! EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

ADDITIONAL EXAMPLES

Section .

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.45. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PERCENTAGE FREQUENCY OF GCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

TA	TICA	NU	MBER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMAN	٧					OPD: 74			
													HONTH			(LST):		
	LING		••••	• • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	••••				HUNDRED				• • • • • • •	• • • • • • • •	• • • • • • •	
I	٧	1	51	G€	GE	6F	GE	Ŀ€	GE	GE	SE	GE	G£	6f	G€	ĿΕ	G€	6E
E	Ł T	Ĺ	160	90	86	60	4.6	40	3.7	24	20	16	12	10	8	5		
•	• • • •	• • •							• • • • • •						• • • • • •			
					125	=						. .		==				
	CEIL	ı		12.4	14.0	15.,	16.4	16.5	17.9	19.3	19.9	21.4	22.7	72.3	23.1	23.4	24.1	24.5
	2000	n I		13.1	15.2	16.7	17.6	17.7	19.3	20.7	41.4	23.0	23.7	24.0	24.8	25.1	25.9	26.2
	1803	01		13.1	15.2	16.7	17.6	17.7	19.3	20.7	21.4	23.0	23.7	24.0	24.8	25.1	25.9	26
	1600	0		13.1	15.2	16.7	17.6	17.7	19.3	20.7	21.4	23.0	23.7	24.0	24.8	75.1	25.9	26.2
	1400	01		13.1	15.2	16.7	17.6	17.7	19.3	20.7	21.4	23.0	23.7	24.0	24.8	25.1	25.9	26.2
	1500	01		13.1	15.2	16.7	17.6	17.7	19.3	20.7	21.4	23.0	23.7	24.0	24.8	75.1	25.9	26.2
	1000	o 1		14.0	16.1	17.6	18.4	18.5	20.2	21.7	22.4	24.0	24.5	25.1	25.9	26.2	26.9	27.3
	903			14.4	16.6	18.1	19.0	19.1	20.7	22.2	23.0	24.6	25.3	25.6	26.4	76.7	27.5	27.8
	803			15.4	17.9	19.4	20.3		22.0	23.5	24.2	25.9	26.6	26.9			28.8	29.1
								20.4							27.7	28.0		
	700			16 - 3	18.9	20.4	21.2	21.3	23.0	24.5	25.2	26.8	27.6	27.9	28.7	29.3	29.7	30.1
	607	17		16.4	19.1	20.6	21.4	21.6	23.2	24.7	25.4	27.0	27.8	28.1	28.9	79.2	30.0	30.3
	500			17.7	20.4	21.9	22.8	23.0	24.6	26.1	20.8	28.4	29.2	29.5	30.3	30.6	31.4	31.7
				20.6	23.4	25.1	26.2	26.5	28.2	29.7	30.7	32.7	33.4	53.7	34.6	34.9	35.7	36.0
	403	nΙ		23.2	26.0	27.9	29.0	29.3	31.0	32.5	33.5	35.6	36.3	36.7	37.6	37.9	38 . 7	39.1
	350	7		25.4	28.3	30.4	31.5	31.8	33.6	35.1	36.1	38 . 1	38.9	39.3	40.2	49.5	41.3	41.7
	300	01		31.7	35.3	38.0	39.5	39.9	41.7	43.3	44.6	46.9	47.6	48.1	48.9	49.2	20.0	50.4
	253	n i		34.3	38.4	41.4	43.3	43.3	45.2	47.1	48.4	50.8	51.5	51.9	52.8	53.1	53.9	54.3
				38.6	43.0	46.6	48.3	48.6	50.5	53.0	54.7	57.1	57.9	58.3	59.3	59.6	60.3	60.8
				40.4	44.8	48.5	50.2	50.5	52.6	55.1	56.8	59.2	59.9	60.3	61.3	61.6	62.4	62.8
				47.8	52.4	56.8	58.5	58.8	67.9	63.7	65.4	67.9	68.6	69.1	70.0	70.4	71.1	71.6
				50.9	56.4	61.0	63.0	63.4	65.7	68.6	70.4	73.C	73.7	74.1	75.1	75.4	76.2	76.6
	103			53.1	59.5	65.1	67.7	60.1	70.5	73.7	75.4	78.2	79.0	79.4	80.4	80.7	81.5	81.9
	90			54.2	61.0	66.1	70.7	71.2	73.6	77.2	78.9	65.5	83.1	83.5	54.5	94.8	85.6	86.0
	6.3			54.6	61.6	69.4	72.0	72.7	75.6	79.6	81.6	84.9	85.8	86.2	87.2	87.5	b0.3	80.7
	7.0			54.6	61.9	70.4	73.4	74.1	17.2	81.5	83.4	A7.3	88.3	88.8	90.0	90.3	91.1	91.5
	60	CI		54.6	61.9	71.0	74.0	74.8	77.9	82.3	84.3	89.2	90.2	90.7	91.9	•2.2	53.0	93.4
	.0	01		54.6	62.6	71.1	74.5	75.4	78.8	83.4	85.3	91.2	92.2	92.8	94.0	94.3	95.0	95.5
	40			54.6	62.6	71.1	74.5	75.5	78.9	F3.7	85.8	92.2	91.3	94.0	95.2	95.5	96.2	96.7
	30			54.6	62.4	71.1	74.5	75.5	79.1	84.3	86.3	93.6	94.7	95.5	96.7	97.0	97.7	98.2
	20			54.6	62.4	71.1	74.5	75.5	79.1	84.3	66.4	93.8	94.8	95.6	96.8	97.7	98.9	99.0
	10			54.6	62.U	71.1	74.5	75.5	79.1	84.3	86.4	93.8	94.8	95.6	96.9	98.1	99.4	100.0
		91		54.6	62.G	71.1	74.5	75.5	79.1	84.3	86.4	93.8	94.8	95.6	96.9	70.1	99.4	106.0
			• • • • •		92.0	11.1	14.3	15.5	17.1	04.3	00.4	73.8	74.6	45.0	40.4	70.4	77.4	*00.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSENVATIONS

- Car

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PERIOD OF PECORD: 74-87 MONTH: JAN HOURS (LST): C3.0-0500 VISIBILITY IN HUNDREDS OF MCTERS CEILING IN I GE 90 GE 4 G GE 32 GE 74 3L GE GE 10 NO CETL I 12.0 20.3 20.9 13.6 22.6 UE 200001 15.1 15.1 15.1 16.1 16.1 16.1 17.8 19.9 22.0 23.3 23.5 22.8 24.0 24.5 11.2 16.2 23.7 16.2 17.8 22.0 23.3 23.5 24.0 SE IGRUNI 13.0 20.7 24.2 GE 140001 16.1 17.8 19.9 20.7 22.0 22.6 23.3 73.5 22.2 SE 120001 11.3 13.3 15.3 16.3 16.4 18.0 20.2 20.9 23.5 20.6 100301 11.7 15.7 15.7 17.2 18.4 21.3 24.0 24.2 25.2 13.7 16.7 16.8 22.7 21.4 23.6 24.8 24.6 25.2 26.6 27.3 GE 10003 15.1 18.2 18.3 20.2 25.4 25.9 26.1 27.0 17.7 70001 13.5 15.5 18.9 19.0 20.8 23.0 23.7 26.1 26.5 26.7 21.7 60401 20.7 23.9 27.6 20.8 24.8 28.6 32.2 77.U 31.1 35.0 27.7 31.8 35.7 28.3 32.4 36.3 29.1 33.2 37.1 50001 17.1 25.5 6 E 19.4 22.6 27.9 32.0 28.6 29.5 40001 17.9 22.5 26.2 27.8 24.4 26.3 29.6 12.7 36.5 33.6 20.2 23.5 15.9 Gê 35001 29.2 31.7 30401 6 E 6 E 25001 32.2 35.6 38.9 40.4 46.0 46.8 43.0 45.6 48.7 49.4 56.3 19.6 50.0 57.0 50.2 57.2 50.9 57.9 59.3 51.3 46.8 19001 41.7 45.9 47.8 50.2 54.6 56.8 57.9 58.4 58.6 GE 15001 51.2 55.7 57.3 57.8 60.2 63.7 65.5 68.5 68.8 69.3 69.5 70.2 70.6 12001 73.2 74.0 75.U ūΕ 49.5 70.9 63.5 65.9 67.1 66.3 68.9 70.0 46.7 69.3 70.5 69.6 72.3 73.9 73.7 76.7 79.0 77.9 81.1 83.8 63.6 66.3 10001 52.U 52.8 57.9 59.4 75.6 78.7 78.8 82.0 79.0 82.2 79.5 82.6 79.7 83.0 64.1 900 53.2 84.7 CE 8001 60.1 81.3 84.9 85.5 45.7 86.7 88.3 87.4 7001 53.7 81.0 87.6 88.5 60.8 68.5 71.7 72.1 75.6 83.3 P6.5 89.5 6001 90.8 77.9 78.2 78.2 92.9 95.0 96.1 53.7 53.7 53.7 83.9 84.6 84.9 91.8 93.2 94.3 92.6 93.9 94.9 92.7 94.8 95.9 93.5 95.7 96.8 69.7 86.2 86.9 87.2 96.9 92.3 93.4 9001 60.8 94.0 73.0 73.7 73.7 GE 60.8 96.1 4001 3001 2001 60.8 94.8 95.5 96.4 97.1 1001 53.7 60.6 73.0 73.7 78.2 95.5 96.4 97.3 100.4 01 94 . G

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIALLITY
FROM HOURLY OBSERVATIONS

- Commercial Commercia

514	TIOA M	UMBERI	106140	STATI	DA NAME:	RAMS	TEIN AB	GERMAN	٧					ORD: 74			
													: JAY		(LST):		
	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •				HUNDRED!			• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
	N I	GT	SE	GE	GE	36	LE	n.	SE	GL	GE	GE	G€	GE	GE	GE	υE
FE	ET I	160	90	80	6.4	48	40	32	24	20	16	12	10	9	>	4	L
					• • • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
NO	CETL I		9.6	10.5	12.0	13.3	13.4	14.7	17.2	18.0	18.6	19.0	19.0	19.2	19.2	19.4	19.5
	140001										30.0				3		•• •
	190000		11.0	11.9	13.9	15.2	15.3	16.6	19.2	50.5	20.9	21.4	21.4	21.6	21.6	21.8	21.9 21.9
	160301		11.0	11.9	13.9	15.2	15.3	16.6	19.2	20.2	20.9	21.4	21.4	21.6	21.6	21.0	21.9
	140001		11.1	12.0	14.0	15.3	15.4	16.7	19.3	20.3	21.0	21.5	21.5	21.7	21.7	21.9	22.0
	120001		11.1	12.1	14.2	15.5	15.6	16.9	19.5	20.5	21.3	21.7	21.7	21.9	21.9	22.1	22.2
										•							
6E	100001		11.5	12.6	14.8	16.1	16.2	17.5	20.1	21.0	21.8	22.2	22.2	22.4	22.4	.2.7	22.0
GE	90301		11.9	12.9	15.2	16.5	16.6	17.9	20.5	21.5	22.2	22.7	22.7	22.9	22.9	23.1	23.2
GE	8000		12.3	13.6	15.9	17.2	17.3	18.6	21.1	22.2	23.0	23.4	23.4	23.6	23.6	23.6	23.9
	10001		12.6	13.9	16.2	17.5	17.6	18.9	21.5	22.5	23.4	23.8	23.8	24.1	24.1	24.3	24.4
υE	60001		12.7	14.6	16.3	17.6	17.7	19.0	21.7	22.0	23.6	24.1	24.1	24.3	24.3	24.5	24.6
GΕ	50001		14.0	15.3	17.6	19.9	19.0	20.3	23.0	24.1	25.0	25.5	25.5	25.7	25.7	25.9	26.0
	44001		16.6	18.0	20.5	21.8	22.1	23.4	26.2	27.4	20.5	28.9	28.9	29.1	29.1	29.3	29.4
υE	4000		18.6	20.U	22.5	23.8	24.2	25.7	28.5	29.7	30.7	31.2	31.2	31.5	31.5	31.7	31.8
6E	35001		20.5	22.0	24.6	26.1	26.4	28.4	31.3	32.7	33.0	34.2	34.2	34.5	34.5	34.7	34.8
GE	3694		25.6	26.6	30.3	31.7	32.1	34.4	37.5	39.1	40.2	40.7	40.7	41.0	41.0	41.2	41.3
ĿΕ	25001		28.2	30.0	33.7	35.1	35.5	38.0	41.1	42.6	43.6	44.2	44.2	44.6	44.6	44.8	44.9
SE	20701		34.1	36.1	4D.6	42.6	43.0	45.8	49.0	50.7	51.9	52.4	52.5	52.9	52.9	51.1	53.2
GE	16001		35.7	37.0	42.7	44.6	45.0	47.8	50.9	52.6	53.8	54.4	54.5	54.8	54.8	55.C	55.1
6 E	1500		43.5	46.0	51.7	53.9	54.6	57.5	63.9	62.7	43.9	64.4	64.5	64.8	64.8	65.0	65.2
36	15001		47.7	50.6	57.6	60.0	60.6	63.8	67.5	69.4	70.7	71.2	71.3	71.6	71.6	71.8	72.1
GE	10001		50.4	54.2	62.0	65.4	66.0	67.3	73.4	75.2	76.5	77.0	77.1	77.5	77.5	77.7	77.9
υE	9001		51.2	56.2	65.2	68.6	69.3	72.6	76.8	74.6	79.9	80.5	80.6	80.9	83.9	81.1	81.3
GE	8001		52.5	58.3	67.7	71.3	72.0	75.7	80.2	82.0	83.3	83.6	83.9	84.3	84.3	84.5	84.7
υE	7001		53.1	58.7	68.6	72.6	73.4	77.7	02.3	84.3	46.2	86.8	86.9	87.3	P7.3	87.5	67.7
ΞĒ	6001		53.1	58.9	69.1	73.5	74.2	79.2	84.1	86.1	88.5	89.1	89.2	89.5	49.5	89.8	90.0
GE	sont		53.1	58.9	69.9	74.2	75.0	80.2	85.9	67.8	90.4	91.0	91.2	91.5	91.5	91.7	91.9
CE	4001		53.3	59.1	70.1	74.4	75.2	80.5	86.7	48.7	91.8	92.8	92.9	93.2	93.2	93.4	93.7
GE	300		53.3	59.1	70.1	74.5	75.3	80.6	A7.3	49.5	94.2	95.3	95.4	95.0	95.8	96.0	96.3
G€.	2371		53.3	59.1	70.1	74.5	75.3	80.6	87.3	89.3	94.5	95.6	96.0	96.4	*6.8	98.0	96.9
υf	100		53.3	59.1	70.1	74.5	75.3	#7.6	87.3	87.3	94.6	95.7	96.1	96.5	96.9	98.4	99.8
úΕ	01		53.3	59.1	70.1	74.5	75.3	80.6	87.3	89.3	94.6	95.7	96 . 1	96.5	96.9	98.4	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM MOUPLY OBSERVATIONS

ı NU	MREP:	106140	STATIO	N NAME :	RAMST	EIN AB	GERMANY				PERIOD	OF PEC	ORD: 74-	-83	
											MONTH:	JAN	HOURS	ILST):	0960-1166
	•••••	• • • • • • •	•••••	•••••	• • • • • •							• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •
٠.			ec	6.8	c c					-		er	c.e	-1.2	GE
- 1				-								1.1		91	4
							•	• •		• •					
							••••								
	1	GT 160	GT GE	G1 GE GE 160 90 80	GT GE SE GF 160 90 80 60	; G1 GE SE GF GC 160 90 80 60 48	; G1 GE GE GF GC CF 160 90 80 60 46 40	VISTBILI G1 GE GE GF GE CE GE 160 90 80 60 48 40 32	VISIBILITY IN H G1 GE GE GF GC CE GE GF 160 90 80 60 48 40 32 24	VISIBILITY IN HUNDREDS GI GE GE GF GC GE GF GF 160 90 80 60 48 40 32 74 20	VISIBILITY IN MUNUREUS OF MET I GI GE GE GF GC GE GE GF GE GE I 160 90 80 60 48 40 32 74 20 16	MONTH: VISIBILITY IN HUNDREUS OF METERS I GT GE GE GF GC GE GE GE GE I 160 90 80 60 48 40 32 24 20 16 12	MONTH: JAN VISIBILITY IN MUNDREUS OF METERS I GT GE GE GE GE GE GE GE GE GE I 160 90 80 60 48 40 32 74 20 16 12 10	MONTH: JAN HOURS VISIBILITY IN HUNDREUS OF METERS I GT GE GE GE GE GE GE GE GE I 160 90 80 60 48 40 52 24 20 16 12 10 8	MONTH: JAN HOURSILST): VISIBILITY IN HUNDREDS OF METERS GT GE GE GE GE GE GE GE GE GE GE

	LIVO										2 OF ME						
1	N I	GT	GE	SE	GF	6 E	CE	GE	GF	G F.	GE	5E	GC	GE	⊌€	GE	υE
FE	ET	160	90	80	64	46	40	3.2	24	50	16	12	10		5	4	J
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NO	CEIL I		8.0	8.6	9.7	11.2	11.2	12.5	13.0	13.8	15.3	15.6	15.6	15.7	16.3	16.4	10.4
	520001		10.1	11.0	12.1	13.7	13.7	15.0	15.5	16.3	18.2	18.6	18.6	18.8	19.4	19.6	19.9
	100001		10.1	11.0	12.1	13.7	13.7	15.0	15.5	16.3	18.2	18.6	18.6	18.8	19.4	19.6	19.9
	100001		10.1	11.0	12.1	13.7	13.7	15.0	15.5	16.3	10.2	14.6	18.6	18.8	19.4	10.6	19.9
	140001		10.1	11.0	12.1	13.7	13.7	15.0	15.5	16.3	18.2	18.6	18.5	18.8	19.4	19.6	19.9
GE	150001		10.1	11.0	12.1	13.7	13.7	15.n	15.5	16.3	18.2	18.6	18.6	18.8	19.4	19.6	19.9
1.5	100301		10.5	11.4	12.7	14.3	14.3	15.6	16.2	16.9	18.9	19.3	19.3	19.4	20.0	29.3	20.6
	90301		10.7	11.6	12.9	14.5	14.5	15.8	16.4	17.1	19.1	19.5	19.5	19.6	20.3	20.5	20.8
6E	80001		12.0	13.1	14.6	16.6	16.6	18.0	18.8	19.5	21.6	27.0	22.0	22.1	22.7	23.0	23.3
GE	70301		12.7	14.0	15.7	17.7	17.7	19.1	19.9	20.8	22.8	23.4	23.4	23.5	24.1	24.4	24.7
UE	10079		12.7	14.0	15.7	17.7	17.7	19.1	19.9	20.8	23.0	23.5	23.5	23.6	24.2	24.5	24.8
	01001		••••			••••	• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • •								
GE	50301		13.9	15.2	16.9	18.9	19.1	20.5	21.3	22.2	24.5	25.0	25.0	25.1	25.8	26.0	26.3
GF	4500		17.0	18.8	20.7	22.6	22.8	24.4	25.2	26.1	26.3	28.9	28.9	29.0	27.6	29.8	36.2
65	4000		17.6	19.5	21.6	24.0	24.2	25.8	26.7	27.6	29.8	30.4	30.4	30.5	31.1	31.5	31.8
GE	35001		19.9	22.2	24.7	27.0	27.3	29.0	30.1	33.9	33.2	33.7	33.7	33.9	34.5	34.8	35.1
GE	3000		23.8	26.3	30.3	33.0	33.2	35.2	36.3	37.2	39.4	40.0	40.0	40.1	40.7	41.1	41.4
GE	25001		21.2	30.0	34.6	37.5	37.7	39.9	40.9	41.8	44.1	44.6	44.6	44.7	45.4	45.7	46.0
GE	20001		31.4	34.7	39.7	43.1	43.3	45.8	47.0	46.0	50.2	50.9	50.9	51.0	51.6	51.9	52.3
U.E.	10001		33.1	36.4	41.4	45.2	45.4	47.8	49.0	50.0	52.3	52.9	52.9	53.0	53.7	54.0	54.3
GF	15001		39.0	42.7	48.9	53.7	53.9	56.7	57.9	58.8	61.6	62.3	62.3	62.5	63.1	63.5	63.8
GE	1276		42.7	47.1	54.5	59.9	60.1	63.1	64.3	65.3	68.2	64.9	68.9	69.1	69.7	77.0	70.4
GE	10001		45.8	50.8	59.2	65.3	65.5	68.9	70.2	71.3	74.5	75.1	75.1	75.3	76.3	76.3	76.6
6 E	9001		46.8	52.8	62.7	69.4	69.7	73.4	74.8	76.2	79.4	80.1	80.1	80.3	PO. 7	81.3	81.6
ÚΕ	8001		47.2	54.0	64.4	71.9	72.3	76.1	77.7	79.1	92.5	83.2	83.2	83.4	84.1	84.4	84.7
GE	7001		47.5	54.4	65.8	73.6	74.1	78.0	79.6	81.0	84.5	85.2	85.2	85.5	86.1	F6.4	86.7
GE	6001		47.8	54.8	67.1	75.1	75.9	80.2	82.3	43.7	87.8	88.6	98.6	86.8	89.4	89.8	96.1
G€	5001		47.8	54.8	67.3	75.3	76.1	80.5	83.1	84 . 8	89.2	90.0	90.0	90.4	01.1	91.4	91.9
υE	4001		48.0	55.0	67.5	75.4	76.2	83.9	83.9	85.7	90.5	91.3	91.5	92.0	92.8	93.1	93.6
UE	3001		48.0	55.0	67.5	75.4	76.2	80.9	84.1	85.9	91.3	97.0	92.2	92.9	94.1	94.5	95.U
6E	2001		48.0	55.0	67.5	75.4	76.2	80.7	84.1	86 . D	91.9	92.8	93.1	94.2	96.0	97.4	98.8
LE	1001		48.0	55.1	67.6	75.5	76.3	81.7	84.2	86.1	45.0	92.9	93.3	94.4	96.2	97.6	99.7
					47.4	** *									04 7	4.9 •	100 0
J E	71		48.0	55.1	67.6	75.5	76.3	81.0	84.2	86.1	92.1	93.0	93.4	94.5	96.3	97.7	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

						ON NAME:							MONTH		HOURS	(LST):		
	LINE		••••	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •		VISIBILI					• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • •
i			GT	GE	G€	GE	GE	LE	GE	39	GE	GE	GE	GE	GE	GE	CE	GE
FE	E T	1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	ن
• • •	• • • •	• • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
NO	CEIL	. 1		6.1	9.2	11.0	12.2	12.2	12.9	14.0	14.7	15.9	16.2	16.2	16.2	16.5	16.5	16.7
GE	2003	n I		11.3	12.7	15.4	16.7	16.7	17.6	18.7	19.5	21.0	21.3	21.3	21.3	21.5	21.5	21.7
	1603			11.5	12.9	15.6	16.9	16.9	17.8	18.9	19.7	21.2	21.5	21.5	21.5	21.7	21.7	21.9
G E	1600	0 j		11.5	12.9	15.6	16.9	16.9	17.6	18.9	19.7	21.2	21.5	21.5	21.5	21.7	21.7	21.9
U E	1400	101		11.7	13.1	15.8	17.1	17.1	18.1	19.1	19.9	21.4	21.7	21.7	21.7	21.9	21.9	22.2
G€	1203	10		11.8	13.2	16.0	17.3	17.3	10.3	19.4	20.1	71.6	21.9	21.9	21.9	22.2	42.2	22.4
ůΕ	1000	101		12.8	14.3	17.2	19.5	18.5	19.5	20.5	21.3	22.8	23.1	23.1	23.1	23.3	23.3	23.5
υE	900	01		12.9	14.4	17.3	19.6	18.6	19.6	20.6	21.4	22.9	23.2	23.2	23.2	23.4	23.4	23.7
υE	800	0 (13.9	16.0	19.2	20.9	20.9	55.0	23.1	23.9	25.5	25.8	25.8	25.8	26.0	26.0	26.2
	700			14.7	16.9	20.2	22.0	22.0	23.2	24.3	25.1	26.7	27.0	27.0	27.0	27.2	27.2	27.4
G E	600	001		15.1	17.2	20.5	22.4	24.4	23.5	24.6	25.4	27.0	27.3	27.3	27.3	27.5	27.5	27.7
ijΕ	500	101		15.5	17.6	21.1	23.1	23.1	24.3	25.4	26.1	27.7	24.1	28.1	28.1	28.3	28.3	26.5
GE	450			17.4	19.6	23.1	25.2	25.2	26.3	27.4	28.2	30.3	30.3	30.4	30.4	30.6	30.6	30.9
GE	400			18.9	21.3	25.1	27.3	27.3	28.7	29.9	30.9	32.7	33.0	33.1	33.1	33.3	33.3	33.5
5 E	3 . 0			21.5	24.1	28.3	30.5	30.5	35.0	33.3	34.3	36.2	36.6	36.7	36.7	36.9	36.9	37.1
G E	300	101		26.5	29.5	34.8	37.3	37.3	39.0	40.3	41.3	43.4	43.8	43,9	43.9	44.1	44.1	44.3
G E	250			30.1	33.1	38.8	41.6	41.6	43.4	44.7	45.7	48.0	48.3	48.4	48.4	48.6	48.6	46.8
GE	203			34.5	37.6	44.4	47.7	47.8	49.8	51.2	52.2	54.5	54.8	54.9	54.9	55.2	55.2	55.4
G E	183			36 . D	39.6	46.1	49.6	49.7	51.6	53.D	54.0	56.3	56.7	56.8	56.8	57.0	57.0	57.2
υĒ	150			42.5	46.7	54./	58.6	58.8	61.0	62.6	63.5	66.1	66.5	66.9	66.9	67.1	67.1	67.3
G E	120	101		45.6	50.1	59.1	63.4	63.9	66.1	68.1	69.1	72.2	72.5	72.9	72.9	73.1	73.1	73.3
υE	103	10		48.2	53.5	63.5	68.6	69.4	72.4	74.4	75.5	78.6	78.9	79.4	79.4	79.6	79.6	79.8
GE	90	01		46.6	54.6	66.1	72.0	73.0	76.1	78.2	79.4	82.6	82.9	83.3	83.3	A3.5	83.5	83.8
GE		in !		49.1	55.3	67.5	74.2	75.2	78.5	80.5	81.8	85.3	85.6	86.0	86.0	86.2	86.2	86.5
υE		101		49.5	55.8	68.9	76.7	77.8	81.3	83.5	84.8	88.7	89.0	89.6	89.6	89.9	49.9	96.1
ĿΕ	60	101		49.6	56.0	69.4	77.6	76.9	83.2	86.0	87.4	92.2	92.5	93.0	93.0	93.3	93.3	93.5
.€		0		49.8	56.2	69.8	78.4	79.7	84.0	87.2	68.7	94.1	94.7	95.3	95.3	95.6	95.6	95.9
i (in (49.8	56.2	69.8	78.4	79.7	84.7	47.3	88.9	94.5	95.4	96.2	96.2	96.6	96.6	96.9
٥E		10		49.6	56.2	69.8	78.4	79.7	84.0	67.3	89.2	94.8	95.7	96.6	96.6	96.9	96.9	97.2
GΕ		101		49.8	56.4	69.8	78.4	19.7	84.0	87.3	89.2	94.9	95.8	96.7	96.9	97.7	98.5	99.6
jΕ	10	01		49.8	56.2	69.6	78.4	19.7	84 • fl	87.3	89.2	94.9	95.8	96.7	96.9	97.7	98.5	130.0
G E		01		49.8	56.2	69.8	78.4	79.7	84.7	87.3	89.2	94.9	95.8	96.7	96.9	97.1	98.5	100.0

PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

						ON NAME:							PERIOD MONTH		HOURS	(LST):		
	LING		•••••	• • • • • • •	• • • • • • •	• • • • • • • •	•••••		VISIBIL					•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •
	I N	- 1	G T	GE	GŁ	GE	GE	LE	GE	GF	GE	GE	GE.	GE	GL	36	GE	GE
_	ET		160	90	80	60	46	4 D	32	24	20	16	17	10	8	5	4	U
			••••															
10	CETL	1		10.6	12.2	14.0	15.1	15.2	16.2	16.8	17.2	17.8	17.8	17.8	17.8	17.8	17.8	17.8
	2000			14.5	16.1	18.6	19.9	20.0	21.1	21.7	22.2	22.8	22.8	22.8	22.8	22.8	22.8	22.8
	1800			15.2	16.6	19.2	20.5	Sr.6	21.7	22.4	22.8	23.4	23.4	23.4	23.4	23.4	23.4	23.4
	1600			15.3	16.9	19.4	50.6	20.8	21.8	22.5	22.9	23.5	23.5	23.5	23.5	23.5	23.5	23.5
	1400			15.7 15.7	17.3	19.8	21.1	21.2	22.3	22.9	23.3	24.0 24.3	24.3	24.0	24.0	24.B 24.3	24 - D	24.0
Ł	1500	u į		15.7	17.3	20.1	21.4	21.5	22.6	23.2	23.7	24.3	24.3	24.3	24.3	24.3	24.3	24.3
E	1000	01		17.1	18.8	21.8	23.2	23.3	24.4	25.1	25.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2
Æ	900	D I		17.4	19.1	22.2	23.5	23.7	24.7	25.4	25.0	26.6	26.6	26.6	26.6	26.6	26.6	26.6
E	800	-		19.0	20.8	24.1	25.5	25.6	26.7	27.3	27.7	28.5	24.5	28.5	28.5	28.5	28.5	28.5
E	703			19.9	21.6	25.1	26.5	26.6	27.6	28.3	28.7	29.5	29.5	29.5	29.5	29.5	29.5	29.5
E	600	01		20.1	21.8	25.3	26.7	26.8	27.8	28.5	28.9	29.7	29.7	29.7	29.7	29.7	29.7	29.7
Ε	500	91		21.7	23.4	26.9	28.5	28.6	29.7	30.3	30.8	31.5	31.5	31.5	31.5	31.5	31.5	31.5
E	453			23.3	25.3	28.7	30.3	30.6	31.8	32.5	32.9	33.7	33.7	33.7	33.7	43.7	33.7	33.7
Ε	400			25.3	27.3	30.9	32.7	33.D	34.2	34.8	35.3	36.0	36.0	36.0	36 . D	36.U	36.0	36.0
E	350			27.1	29.4	33.0	34.8	35.2	36.3	37.1	37.5	38.3	38.3	38.3	38.3	38.3	38.3	36.3
E	300	01		35.3	38.6	43.4	45.6	45.9	47.1	48.0	44.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8
E	250	0		38.5	42.4	47.3	49.6	50.0	51.4	52.3	52.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3
E	500	- :		42.3	46.3	52.2	54.8	55.3	56.7	57.5	58.1	59.6	59.6	59.6	59.6	59.0	59.6	59.6
E	169			45.1	49.2	55.2	57.6	58.3	59.7	60.5	61.1	62.6	62.6	62.6	62.6	62.6	62.6	64.6
E	150			52.6	57.3	64.4	67.4	68.0	69.6	70.4	71.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6
E	120	01		55.4	60.4	68.5	71.7	72.4	74.2	75.3	75.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1
Ε	103			57.2	63.2	72.6	76.9	78.0	80.0	81.1	81.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2
E	94			58.1	64.1	74.1	79.5	86.6	82.7	43.8	84.5	87.2	87.3	87.3	87.3	87.3	67.3	87.3
Ε	90			58.3	64.3	75.1	80.6	45.0	84.6	85.7	86.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
Ε	70			58.4	64.4	75.7	81.9	83.5	86.6	87.7	88.5	92.3	92.5	92.5	92.5	92.5	92.5	92.5
F	60	ηį		58.5	64.6	76.7	83.3	85.1	88.5	89.8	90.5	95.4	95.6	95.6	95.6	95.6	95.6	95.6
E	5 J			58.5	64.6	76.8	83.8	85.6	89.2	90.5	91.3	96.6	96.8	96.8	96.8	97.0	97.0	97.0
E	40			58.5	64.6	76.8	83.8	85.6	89.2	90.5	91.3	97.0	97.8	98.0	98.0	98.2	98.2	98.2
E	30			58.5	64.6	76.8	83.8	85.6	89.2	90.6	91.5	97.4	98.3	98.4	98.4	98.6	98.6	98.6
Ε	20			58.5	64.6	76.8	83.8	95.6	89.2	90.6	91.5	97.4	98.4	98.5	98.5	99.1	99.5	100.0
Ε	10	01		58.5	64.6	76.8	83.8	85.6	89.2	90.6	91.5	97.4	98.4	98.5	98.5	99.1	99.5	100.0
£		o I		58.5	64.6	76.8	83.6	85.6	89.2	90.6	91.5	97.4	98.4	98.5	98.5	99.1	99.5	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PEPIOD OF RECORD: 74-83 MONTH: JAN HOURS(LST): 1800-2000 STATION NUMBER: 106140 STATION NAME: | RAMSTEIN AB GERHANY VISIBILITY IN HUNDREDS OF METERS

1	N I	G T	GE	GE	GE	G€	GE	GE	GF	GE	GE	GE	GΕ	GE	GE	GE	GE	
FE	ET I	160	90	80	60	48	4 D	32	24	20	16	12	10	8	5	4	Ú	
• • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		• •
								12.2	121121			22.0						
NO	CEIL		11.9	14.2	16.3	17.2	17.4	18.9	19.8	20.1	20.4	20.4	20.5	20.5	20.6	20.8	26.8	
c.e	200001		13.8	16.1	18.7	19.6	19.8	21.4	22.3	22.8	23.3	23.3		23.5		23.9	34.0	
	180001		13.9	16.2	18.8	19.7	19.9	21.5	22.4	22.9	23.4	23.4	23.4	23.7	23.8	24.0	24.0	
	160001		13.9	16.2	18.8	19.7	19.9	21.5	22.4	22.9	23.4	23.4	23.5	23.7	23.9	24.0	24.1	
	140301		14.2	16.6	19.1	20.0	20.2	21.8	22.7	23.2	23.8	23.8	23.9	24.0	24.2	24.3	24.4	
	12000		15.1	17.4	20.3	21.2	21.4	23.0	23.9	24.4	24.9	24.9	25.1	25.2	25.4	25.5	25.6	
Q t.	120001			4147	2013	2102	2117	23.0	23,7	2717	2417	4407	2311	2342	2344	23.3	2310	
GE	100001		17.0	19.4	22.3	23.2	23.4	25.2	26.1	26.7	27.2	27.2	27.3	27.4	27.6	27.7	27.8	
ĞĒ	96301		17.1	19.5	22.4	23.4	23.7	25.4	26.3	26.9	27.4	27.4	27.5	27.6	27.4	28.0	26.1	
GE	80001		16.4	21.2	24.4	25 . 7	25.9	27.6	28.7	29.4	30.0	30.0	30.1	30.2	30.4	30.5	30.6	
GΕ	70001		18.9	21.7	24.9	26.2	26.5	28.2	29.2	29.9	30.5	30.5	30.6	30.8	31.0	31.1	31.2	
GE	60001		18.9	21.7	24.9	26.2	26.5	28.2	29.2	29.9	36 - 5	30.5	30.6	30.8	31.0	31.1	31.2	
																	-	
6E	50001		20.1	22.9	26.1	27.4	27.6	29.4	30.4	31.1	31.7	31.7	31.8	31.9	32.2	32.3	32.4	
GE	45001		23.1	26.0	29.2	30.6	31.0	32.7	33.8	34.4	35 . 1	35.1	35.2	35.3	35.5	35.6	35.7	
GE	40001		25.9	28.9	32.3	34.1	34.6	36.6	37.6	38.3	38.9	38.9	39.0	39.1	39.4	39.5	39.6	
GE	35001		28.6	31.6	34.9	36.8	37.3	39.2	40.3	41.0	41.6	41.6	41.7	41.8	42.0	42.2	42.3	
G€	30001		34.5	38.2	43.0	45.2	45.8	47.7	49.0	49.8	51.0	51.0	51.2	51.3	51.5	51.7	51.9	
GΕ	25001		39.1	43.1	48.2	50.3	51.0	52.9	54.2	54.9	56.1	56.1	56.3	56.5	56.7	54.9	57.1	
GE	2000		44.0	48.3	54 . 8	57.0	57.6	59.7	61.1	61.8	63.3	63.3	63.5	63.7	63.9	64.1	64.3	
GE	1630		46.1	50.8	57.5	59.7	60.3	62.4	63.8	64.5	66.D	66.0	66.2	66.3	66.6	66.8	67 · u	
G€	1500		51.5	56.9	64.7	67.2	67.8	69.9	71.6	72.4	74.2	74.2	74.4	74.5	74.7	74.9	75.2	
6 E	12001		53.1	59.2	68.4	71.7	72.4	74.5	76.5	77.3	79.5	79.5	79.7	79.8	00.0	80.2	80.4	
								201	1227/27									
GE	1000		54 • C	60.6	72.4	76.6	77.4	79.8	81.9	82.8	85.1	85.1	85.3	85.5	A5.7	85.9	86.1	
GE	900		54.2	61.3	73.5	78.1	76.9	81.4	83.9	84.7	87.6	87.6	87.8	88.1	A8.3	88.5	86.7	
űΕ	970		54.4	61.7	74.4	79.0	80.0	82.8	85.3	86.1	89.0	89.0	89.6	89.8	90.0	90.2	90.4	
GE	700		54.4	61.8	75.2	80.4	81.4	84.4	86.9	88.0	91.6	91.7	92.4	92.6	92.4	93.0	93.2	
ů E	6001		54.4	61.6	75.5	61.3	82.3	85.6	88.1	89.1	93.5	93.8	94.4	94.6	94.8	95.1	95.3	
GE	5001		54.4	61.8	75.8	81.9	82.9	86.3	88.8	69.9	94.7	94.9	95.7	95.9	96.5	96.7	96.9	
üΕ	4001		54.4	61.8	75.8	61.9	82.9	86.6	89.4	90.4	95.5	95.8	97.1	97.3	97.8	98.1	98.3	
GE	3001		54.4	61.8	75.8	91.9	82.9	86.6	89.4	90.4	96.0	96.3	97.6	96.1	78.6	98.8	99.0	
GE	2001		54.4	61.8	75.8	81.9	82.9	86.6	89.4	90.4	96.1	96.6	97.8	98.3	98.8	99.4	99.8	
ijΕ	1301		54.4	61.8	75.8	81.9	82.9	86.6	89.4	90.4	96.2	96.7	98.D	90.4	98.9	99.5	99.9	
~	1001		3414	01.0	13.0	0117	176 6 7		07.4	70.4	7006	70.7	7010	70.4	70.7	7783	7717	
GE	ni		54.5	61.9	75.9	82.0	83.0	86.7	89.5	90.5	96.3	96.8	98.1	98.5	99.0	99.6	106.0	

PERCINTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERHANY PERIOD OF RECORD: 74-63 MONTH: JAN VISIBILITY IN HUNDREDS OF METERS GF GE GE 32 GE IN GE GE GE GE GE GE FEET 90 24 20 160 80 48 40 16 12 10 5 D 60 NO CEIL | 20.1 20.5 22.0 23.7 22.2 18.9 18.9 18.9 24.5 24.5 24.5 24.5 24.7 24.7 24.7 24.7 13.5 22.3 24.5 24.9 24.9 GE 200301 17.5 19.4 20.9 23.1 25.8 26.7 15.8 26.2 20.9 19.4 GE 160001 15.8 23.1 25.8 26.2 26.7 13.5 15.8 17.5 22.3 23.1 24.5 24.5 24.9 24.9 25.8 26.2 26.7 140001 GE 120001 13.5 20.3 20.5 22.5 25.9 26.1 28.2 26.3 26.6 28.6 G E 100001 14.7 17.0 17.2 18.9 2C.8 21.0 22.5 23.7 24.5 25.9 27.6 28.1 26.1 GE 90001 14.9 26.3 28.4 27.4 26.8 80301 16.6 18.8 21.1 22.9 24.4 25.9 29.5 29.9 30.3 19.4 GF 70001 17.1 21.6 21.0 23.4 24.9 26.5 28.7 28.7 28.9 29.1 30.0 30.4 30.9 60001 23.4 30.0 30.4 30.9 18.6 50001 21.0 24.6 27.6 24.6 28.6 31.9 28.1 32.4 35.9 30 · 3 34 · 6 38 · 2 30.3 34.6 38.2 40.3 30.5 34.8 38.4 31.6 35.9 39.5 GE 23.2 26.6 30.9 30.8 35.1 32.5 25.1 28.9 32.0 29.4 4500 33.2 40001 24.9 30.3 32.4 34.3 38.6 39.9 40.3 GE 36.8 27.0 29.7 40.3 40.5 42.2 35001 34.0 34.8 38.0 38.8 40.9 41.7 42.6 ůΕ 30001 32.0 40.8 25001 46.2 52.5 48.9 55.6 56.8 50.6 57.6 58.8 54.1 61.2 62.4 55.6 62.7 63.9 56.5 36.9 44.0 50.2 47.1 53.3 53.8 53.8 67.9 54.7 56.0 63.1 41.6 45.8 58.5 59.7 GE 1800 46.7 51.3 62.0 63.0 64.7 6E 54.4 62.D 64.3 GE 15001 49.7 54.7 60.5 63.2 64.1 66.5 68.6 69.8 72.3 72.3 72.6 73.2 74.5 74.9 12301 GE 51.1 57.2 71.7 73.9 75.4 78.8 64.7 68.9 77.8 80.1 80.5 10001 71.7 74.0 75.9 77.4 G.E 58.3 59.5 67.5 69.7 70.6 72.9 74.6 77.1 78.8 81.4 81.4 81.4 81.7 82.4 83.2 83.7 86.6 52.0 GE 9001 52.9 87.U 71.3 72.0 89.1 91.8 uE UE 74.7 83.5 86.7 89.4 87.4 90.1 68.3 91.0 89.6 92.3 0001 53.2 60.3 79.2 82.0 90.4 81.0 7001 84.0 92.7 60.3 G€ 6001 72.7 72.7 72.7 77.5 77.5 77.5 78.8 78.6 7E.8 82.7 83.1 83.5 91.8 93.5 94.6 GE 500 53.2 60.3 85.7 87.3 91.8 92.6 93.4 94.6 95.1 95.2 96.3 96.8 GE GE 4001 53.2 53.2 60.3 86.2 88.1 93.5 94.3 97.2 3001 60.3 68.5 95.4 98.3 ůE GE 2001 53.2 60.3 72.7 78.8 83.5 26.7 88.5 94.6 94.9 95.7 96.7 96.5 99.0 99.7 100 53.2 60.3 72.7 77.5 78.8 83.5 86.7 88.5 94.6 94.9 95.7 96.9 98.7 100.0 UE 01 53.2 6D.3 12.7 78.8 83.5 88.5 94.9 95.7 96.9 98.7 99.4 100.0

TOTAL NUMBER OF OBSERVATIONS: 930

1

PERCENTAGE FREGULNCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STA	MITION	NUMBER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMANY				PERIOD	GF REC		-83 (LST):	FLL	
	LING	• • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • • •		VISIBILI					• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	IN	1 61	GE	GE	GE	GE	CE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE	6E
_	ET	160	96	80	60	48	40	32	24	20	16	12	10		5	30	Ü
_	-		_		_		_		-			_		-	-		
140	CEIL	1	10.3	11.8	13.5	14.6	14.7	16.0	17.3	17.9	19.0	19.3	19.3	19.5	19.8	20.1	20.3
GE	20000	!	12.3	14.0	16.0	17.2	17.3	18.7	20.0	20.8	22.0	22.3	22.4	22.6	22.9	23.2	23.5
GE	18000	ı	12.4	14.1	16.1	17.3	17.5	16.8	20.2	20.9	22.1	22.4	22.5	22.7	23.1	23.3	23.6
	16000		12.5	14.1	16-1	17.3	17.5	18.8	20.2	20.9	22.1	22.4	22.5	22.8	23.1	23.3	23.6
	14000		12.6	14.3	16.3	17.5	17.6	19.0	20.3	21.0	22.2	22.6	22.7	22.9	23.2	23.5	23.7
GE	12000	1	12.7	14.4	16.6	17.6	17.9	19.3	20.6	21.3	22.5	22.9	23.0	23.2	23.5	23.8	24.0
GE	10000	!	13.7	15.4	17.6	18.9	19.0	20.4	21.7	22.5	23.7	24.0	24.1	24.4	24.7	24.9	25.2
GE	9000	İ	13.9	15.6	17.9	19.1	19.2	20.6	22.0	22.7	24.0	24.3	24.4	24.6	24.9	25.2	25.4
6 E	8000		15.1	17.1	19.5	20.8	21.0	22.4	23.8	24.6	25.9	26.2	26.3	26.6	26.9	27.1	27.4
G€	7000	5	15.7	17.7	20.2	21.6	21.8	23.2	24.6	25.4	26.7	27.0	27.2	27.4	27.7	26.0	28.2
GE	6000	I	15.8	17.9	20.3	21.7	21.9	23.3	24.8	25.5	26.9	27.2	27.3	27.5	27.8	28.1	20.4
GE	5000	ı	17.1	19.1	21.6	23.1	23.3	24.7	26.2	26.9	28.3	28.6	28.7	29.0	29.3	29.6	29.8
ĠΕ	4500	•	19.7	22.0	24.6	26.2	26.5	28.0	29.5	34.3	31.7	32.1	32.2	32.4	32.8	33.0	33.3
GE	4000		21.9	24.3	27.1	28.8	29.2	30.8	32.3	33.2	34.6	35.0	35.1	35.4	35.7	36.0	36.2
GE	3500	•	24.1	26.6	29.5	31.2	31.6	33.3	34.9	35.8	37.3	37.7	37.8	30.1	38.4	38.7	38.9
ĿΕ	3000	1	29.7	32.7	36.6	38.6	39.1	40.9	42.6	43.6	45.4	45.7	45.9	46.2	46.5	46.8	47.1
GE	2500	i .	33.3	36.6	40.9	43.0	43.4	45.3	47.1	46.1	49.9	50.3	50.4	50.7	51.1	51.4	51.6
SE	2000	Ì	37.9	41.6	46.6	49.0	49.4	51.6	53.5	54.6	56.6	57.0	57.2	57.5	57.8	58.1	58.4
GΕ	1800	•	39.5	43.4	48.6	51.0	51.4	53.6	55.5	56.7	58.6	59.0	59.2	59.5	59.8	60.2	64.4
٥E	1500		46.6	51.0	57.2	60.0	60.5	62.8	64.9	66.1	68.3	68.7	68.9	69.2	69.5	69.9	70.1
GE	1200	1	49.5	54.5	61.7	64.9	65.5	68.D	70.4	71.7	74.1	74.5	74.7	75.0	75.3	75.7	75.9
GE	1000	1	51.6	57.2	65.7	69.7	70.4	73.1	75.7	77.1	79.5	79.9	80.2	80.5	.0.6	61.1	81.4
G€	9.40	į	52.3	58.6	68.2	72.5	73.3	76.2	78.9	84.3	P3.0	83.5	A3.7	84.1		84.7	85.0
GE	840		52.8	59.5	69.6	74.2	75.1	78.3	81.3	82.7	85.6	86.0	86.4	86.7	87.1	87.4	87.7
6 E	700	Ξ	53.0	59.8	70.6	75.8	76.7	80.2	83.3	84.8	M6.3	85.8	89.1	89.6	89.9	43.5	90.5
űE	600	ı	53.1	59.9	71.3	76.8	77.8	81.7	85.0	66.6	90.8	91.3	91.7	92.1	92.4	92.7	93.J
GE	500		53.1	59.9	71.6	77.3	78.4	82.5	86.1	87.7	92.4	92.9	93.3	93.7	94.2	94.5	94.8
GE	400		53.2	60.0	71.7	77.4	78.5	82.7	86.6	88.2	93.4	94.1	94.7	95.2	95.7	96.0	96.3
GE	300		53.2	60.0	71.7	77.4	78.5	82.8	86.8	88.5	94.4	95.2	95.7	96.3	96.8	97.1	97.5
6E	200		53.2	60.0	71.7	77.4	78.5	82.8	86.8	88.6	94.7	95.5	96.1	96.8	97.7	98.6	99.5
GE	100	•	53.2	3.08	71.7	77.4	78.5	82.8	86.8	88.6	94.7	95.5	96.2	96.9	97.9	98.9	99.9
GE	C	•	53.2	60.D	71.7	77.4	78.5	82.8	86.8	88.6	94.7		96.2	96.9	97.9		100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

PERIOD OF RECORD: 74-87
HONTH: FEB HOURS(LST): 0000-0200 STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY

CEI	LING		•••••	• • • • • • •	• • • • • • •	• • • • • • •		ISIBIL	ITY IN	HUNDRED	OF HE	TERS	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
1		GT	GE	GE	GE	GE	GE	GE	GE	G€	GE	GE	GΕ	GE	GE	GŁ	GE
	ET	160	90	8 ti	60	48	40	32	24	20	16	12	10	8	5	4	u
• • •	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	•••••
NO	CEIL		21.5	24.1	28.5	31.1	32.9	33.1	34.8	35.2	37.6	37.7	37.8	38.7	39.1	40.9	41.4
GΕ	100001		22.7	25.7	30.3	32.9	34.6	35.0	36.8	37.2	39.6	39.7	39.8	40.7	41.3	43.1	43.6
	180701		22.7	25.7	30.3	32.9	34.6	35.0	36.8	37.2	39.6	39.7	39.8	40.7	41.3	43.1	43.6
	160001		22.7	25.7	30.3	32.9	34.6	35.0	36.8	37.2	39.6	39.7	39.8	40.7	41.3	43.1	43.6
	14000		22.7	25.7	30.3	32.9	34.6	35.0	36.8	37.2	39.6	39.7	39.8	40.7	41.3	43.1	43.6
ίE	150001		22.7	25.7	30.3	32.9	34.6	35.0	36.8	37.2	39.6	39.7	39.8	40.7	41.3	43.1	43.6
6 E	100001		23.3	26.2	30.9	33.5	35.6	35.9	37.7	38.2	40.5	40.7	40.8	41.6	42.2	44.1	44.6
	90001		23.5	26.5	31.3	34.0	36.2	36.5	38.7	39.1	41.5	41.6	41.7	42.6	43.1	45.0	45.5
GE	80001		24.8	27.9	33.2	35.9	38.1	38.4	40.9	41.4	43.9	44.0	44.1	45.0	45.6	47.5	48 . G
GE	70001		25.1	28.1	33.5	36.2	38.3	38.7	41.1	41.6	44.1	44.2	44.3	45.3	45.9	47.8	48.2
GE	60001		25.1	28.1	33.5	36.2	38.3	38.7	41.1	41.6	44.1	44.2	44.3	45.3	45.9	47.8	48.2
GE	50001		26.4	29.4	35.2	38.1	40.2	40.5	43.0	43.5	46.D	46.1	46.2	47.2	47.9	49.8	50.2
űΕ	45301		30.3	33.3	39.2	42.1	44.2	44.8	47.3	47.8	50.6	50.7	50.8	51.6	52.5	54.4	54.8
GE	40001		33.2	36.3	42.6	45.4	47.5	48.1	50.7	51.2	54.1	54.3	54.4	55.3	56.1	58.0	58.5
GE	35001		34.9	37.9	44.3	47.3	49.4	50.0	52.6	53.1	56.0	56.1	56.3	57.2	58.0	59.9	6C.4
GĒ	30001		39.7	43.3	50.8	53.8	55.9	56.5	59.1	59.6	62.6	62.8	62.9	63.8	64.8	66.7	67.1
GE	25001		42.9	46.7	54.5	57.6	59.7	60.5	63.6	64.1	67.1	67.3	67.4	68.3	69.3	71.2	71.6
GE	20001		44.9	49.1	57.2	60.8	62.9	63.9	67.5	68.0	71.0	71.2	71.5	72.5	73.4	75.4	75.9
GE	18001		45.5	49.6	58.3	61.8	63.9	65.0	68.6	69.0	72.1	72.2	72.6	73.5	74.5	76.5	77.0
GE	15001		46.8	51.3	60.6	64.9	67.4	69.0	72.7	73.2	76.6	76.7	77.1	78.0	79.0	81.0	81.4
GE	12001		49.1	53.8	64.1	69.1	71.9	73.6	78.0	78.5	82.3	82.4	82.7	83.7	84.6	86.6	87.1
-	,					• / • •											
GE	1000		50.4	55.4	66.5	72.1	75.2	77.1	81.9	82.4	86.5	86.6	87.0	87.9	88.9	90.9	91.4
GE	9001		50.4	55.4	66.9	72.6	75.7	77.9	82.9	83.3	87.6	87.7	88.1	89.0	90.1	92.1	92.6
GE	8001		50.5	55.6	67.4	73.0	76.1	78.4	83.9	84.4	89.5	89.7	90.1	91.0	92.1	94.1	94.6
GE	700		50.5	55.6	67.5	73.2	76.2	78.6	84.4	84.9	90.0	90.2	90.5	91.5	92.6	94.6	95.0
GE	6301		50.5	55.8	67.8	73.6	76.7	79.1	84.9	85.3	90.8	91.0	91.4	92.3	93.4	95.4	95.9
GE	5001		50.5	55.8	68.0	73.9	77.3	79.9	85.8	86.6	92.3	92.6	93.0	94.0	95.0	97.0	97.5
GE	4001		50.5	55.8	68.0	73.9	77.3	80.4	87.1	87.9	94.0	94.2	94.7	95.6	96.9	98.9	99.4
GE	3001		50.5	55.8	68.0	73.9	77.3	80.4	87.1	87.9	94.1	94.3	94.8	95.7	97.4	99.4	99.9
GE	2001		50.5	55.8	68.0	73.9	77.3	80.4	87.1	87.9	94.1	94.3	94.8	95.7	97.4	99.5	100.0
ĢE	1001		50.5	55.8	68.D	73.9	77.3	87.4	87.1	87.9	94.1	94.3	94.8	95.7	97.4	99.5	100.0
GE	01		50.5	55.8	68.0	73.9	77.3	80.4	67.1	87.9		94.3					100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

HONTH: FEB HOURS (LST): 0300-0500 CEILING VISIBILITY IN HUNDREDS OF METERS GE GE GE IN GE GE 90 80 48 40 24 20 10 NO CETL | 18.3 20.7 26.0 30.1 30.7 34.1 34.1 36.7 27.7 28.6 28.6 28.6 31.6 31.6 36.1 36.1 GE 200001 22.4 29.9 26.5 36.1 GF 18000 19.5 32.4 36.3 36.3 36.9 38.5 38 . 8 36.1 29.9 19.5 27.7 36.1 36.1 36.9 38.5 38.6 GE 160001 31.6 32.4 36 . 1 GE 14000 22.4 26.5 27.7 28.6 31.8 32.4 36.1 36.1 36.3 36.9 38.5 26.7 37.2 GE 120001 19.8 22.6 28.9 30.2 32.1 32.7 36.3 36.3 36.3 36 . 6 20.2 23.2 27.3 27.7 28.5 29.5 30.1 30.9 31.5 32.8 33.5 37.0 37.8 37.0 37.8 37.0 37.8 37.3 38.0 39.4 GE 100001 33.4 37.9 34.1 34.7 35.0 9000 38.6 40.5 GΕ 29.5 29.8 38 · 5 GE 8000 20.6 23.7 27.9 30.5 32.0 34.1 38.5 38.5 38.7 39.3 40.8 23.8 28.3 30.9 32.3 34.4 39.0 GE 70001 20.7 38.8 38.8 39.1 41.2 41.5 6000 29.3 32.5 35.6 38.9 36.2 42.6 46.2 GE 50001 21.8 24.9 31.0 32.1 33.5 40.2 40.2 40.5 41.1 43.0 40.2 GE 45001 24.5 35.3 36.7 43.7 43.7 43.9 46.5 39.1 41.5 32.2 34.3 37.4 41.7 44.1 44.7 47.2 50.1 ĞΕ 40.1 49.1 49.1 49.1 49.3 51.6 52.4 GE 30001 35.4 39.4 45.9 50.5 60.0 54.3 58.9 59.9 57.0 62.0 63.0 43.2 49.7 54.2 52.8 62.6 63.0 63.2 63.9 65.4 65.8 GE 2500 38.8 57.9 67.8 GE 20001 42.0 56.1 62.8 1800 47.6 55.1 57.0 58.3 68.6 69.1 69.8 71.4 71.7 GE GE 62.6 67.0 64.4 73.6 73.8 1500 44.5 49.9 58.5 61.3 67.7 68.5 74.0 74.2 74.9 1200 MO.8 73.0 46.9 80.1 78.7 79.4 80.8 81.7 69.9 7C.4 77.5 10301 73.0 87.2 87.6 GE 54.0 64.1 68.4 84.0 84.7 85.0 25.7 85.7 900 71.4 87.3 apri 54.8 65.6 69.8 79.6 87.0 90.7 GE 48.2 74.8 88.0 88.8 90.3 80.5 89.0 700 89.3 91.2 GE 6001 48.2 70.8 75.7 89.7 89.9 90.7 92.5 63.4 84.1 64.7 48.2 54.8 54.8 76.6 76.8 76.9 90.2 91.0 91.2 92.3 93.0 93.5 94.6 93.8 94.9 500 72.9 82.8 90.5 GE 400 66.6 71.4 72.9 GE GE 300 54.6 71.4 93.1 94.3 96.4 66.6 2001 48.2 54.8 66.6 71.4 72.9 76.9 83.1 84.7 93.0 93.4 94.0 94.2 95.6 97.3 98.1 100 54.8 84.7 94.8 66.6 94.4 96.3 98.0 99.3 48.2 71.4 72.9 76.5 83.1 93.1 93.6 98.6 GE nΙ 71.4 72.9 76.9 84.7 93.7 94.6 94.9 96.4 48.2 54.8 66.6 81.1 93.3 100.0

TOTAL NUMBER OF OBSERVATIONS: 845

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GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUMBER: 106140 STATION NAME: PAMSTEIN AB GERMANY PERIOD OF RECORD: 74-63 MONTH: FEB HOURS(LST): 0640-0800 CEILING VISIBILITY IN HUNDREDS OF METERS GE GE IN GE GE 6E GE GE FEET 160 40 32 20 90 80 60 48 16 12 10 NO CEIL | 14.6 19.9 20.8 21.0 23.4 23.6 25.5 25.5 27.9 GE 200001 22.5 30.5 30.5 30.5 30.6 30.6 17.1 17.1 17.1 18000 22.5 26.8 30.5 30.5 30.5 30.6 30.6 32.3 19.6 22.5 23.4 23.6 25.5 25.5 26 · 8 27.9 30.5 30.5 GE 160001 GE 140001 30.5 30.5 30.5 30.6 30.6 30.6 32.3 32.4 34.6 GE 120301 22.8 27.0 28.1 30.7 30.7 30.7 30.8 30.8 32.5 31.4 33.2 17.7 17.7 18.7 23.3 23.4 24.8 24.8 24.8 26.3 26.2 26.7 28.2 10000 20.2 24.1 27.5 28.0 28.6 31.3 31.3 31.4 33.1 20.3 ennni 31.8 26.0 29.8 30.8 33.6 GE scuol 21.4 33.6 33.6 33.8 33.8 35.5 35.6 36.2 70001 25.4 26.6 26.9 30.4 GF 60001 19.2 25.4 26.6 26.9 28.8 30.4 31.4 34.2 34.4 36.1 36.2 32.1 34.6 GE 50001 45001 19.6 22.2 25.7 27.0 27.4 29.5 31.1 34.9 34.9 34.9 35.1 37.6 35.1 36.6 36.9 40001 23.7 31.6 33.1 33.5 38.2 39.3 42.1 42.1 36.4 10.5 υE 35001 26.11 29.5 34.4 36.1 36.4 41.6 42.7 45.6 45.6 45.6 45.8 45.8 47.4 47 .6 30.6 30001 52.9 40.5 45.9 48.0 55.3 61.0 58.2 63.9 6 F 25001 51.7 57.1 53.9 59.5 58.2 58.5 64.3 58.7 60.4 60.5 35.8 40.3 58.7 20001 39.1 51.2 53.1 53.5 64.5 66.2 40.2 45.8 53.1 59.3 61.4 62.9 65.8 66.D 73.0 66.2 66.4 73.4 68.2 GE 18001 55.0 55.4 68.1 75.1 GE 15001 60.3 60.6 GΕ 10001 63.1 66.9 68.0 67.6 73.1 74.9 76.9 83.C 83.5 *3.5 85.2 78.4 83.3 47.1 87.3 ٥E 9001 53.9 64.1 68.B 80.3 45.1 85.2 85.4 85.6 85.6 67.4 76.6 76.9 81.0 8401 65.1 69.2 82.7 88.5 P8.5 94.3 47.8 54.6 54.6 70.0 87.9 88.0 88.3 90.2 6E 700 70.2 G€ 6301 69.4 70.2 89.3 90.0 90.0 91.7 82.6 91.3 91.9 GΕ 5001 47.8 54.6 65.5 69.5 70.3 77.5 84.3 90.9 91.1 91.6 91.6 93.2 93.4 54.6 54.6 65.5 69.8 70.6 77.7 77.7 91.5 91.7 93.0 GE 4001 47.8 84.6 92.2 94.2 94.3 GΕ 3001 47.8 82.8 64.6 91.8 92.5 92.8 95.1 95.5 GE 2001 65.5 69.8 70.6 82.9 92.4 92.8 93.2 93.5 94.0 96.6 96.9 1001 92.6 94.7 97.4 98.7 ĞΕ 65.5 69.8 70.6 93.1 93.6 93.8 GE 0.1 70.6 77.7 82.9 92.9 93.4 98.1 95.1 98.1 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

TA	110N	NU	MBERI	106140	STATI	ON NAME:	RAPS	TEIN AB	GERMANT	,			PER10D Month	OF REC	ORD: 74	-03 (LST):	U9UA-11	. ປປ
	LING		• • • • •	• • • • • • •	• • • • • •	• • • • • • • • •	• • • • • •		VISIBILI					• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••••
1		1	GT	GE	GE	G€	GE	GE	GE	GE	GE	GE	GE	GE	Gć	GE	GŁ	€ E
FE	ET	j	160	9 🛭	80	60	48	40	32	24	20	16	12	10	8	5	4	ن
• •	• • • •	• • •	• • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	*******
0	CEIL	. 1		8.8	12.1	15.2	17.5	17.8	19.8	21.0	22.7	24.5	25.2	25.4	25.5	25.5	25.7	25.9
E	2000	0.1		10.0	13.7	17.2	19.7	19.9	22.2	23.7	25.5	27.5	28.4	28.6	28.7	28.7	25.9	29.3
	1800			10.1	13.9	17.3	19.8	20.0	22.3	23.8	45.6	27.7	28.7	28.8	28.9	29.0	29.3	29.6
E	1600	10		10.1	13.9	17.3	19.8	20.0	22.3	23.8	25.6	27.7	28.7	28.8	28.9	29.13	29.3	29.6
E	1400	οl		10.1	13.9	17.3	19.8	20.0	22.3	23.8	25.6	27.7	28.7	28.6	28.9	29.0	29.3	29.6
E	1200	0		10.3	14.1	17.5	20.0	20.3	22.5	24.1	25.8	28.0	28.9	29.0	29.1	29.3	29.5	29.9
E	1000	01		11.1	15.3	18.7	21.2	21.4	23.8	25.6	27.4	29.5	30.5	30.6	30.7	30.8	31.0	31.4
E	900	01		11.1	15.3	18.7	21.2	21.4	23.8	25.7	27.5	29.6	37.6	30.7	30.0	33.9	31.2	31.5
Ε	800	0		12.3	16.8	21.2	23.8	24.1	26.4	28.7	30.5	32.8	33.8	33.9	34.0	34.1	54.4	34.7
	700			12.7	17.4	22.3	24.9	25.1	27.5	29.7	31.5	33.9	34.8	35.0	35.1	35.2	35.4	35.8
E	603	0		12.7	17.4	22.3	24.9	25.1	27.5	29.7	31.5	33.9	34.8	35.0	35.1	35.2	35.4	35.6
E	500			13.5	18.2	23.2	25.8	26.1	28.4	30.7	32.5	34.8	35.8	35.9	36.0	36 - 1	36.4	36.7
E	450			13.7	18.5	23.7	26.7	27.0	29.4	31.6	33.4	35.8	36.7	36.8	37.0	37.1	37.3	37.7
E	400			15.6	20.4	25.8	29.1	29.6	32.2	34.5	36.3	38.7	39.7	39.8	39.9	40.2	40.4	46.8
E	350			17.4	22.4	28.0	31.6	32.2	35.1	37.7	39.6	42.3	43.2	43.4	43.5	43.7	44.0	44.3
E	300	ן מו		21.1	26.7	33.6	37.9	38.6	41.9	44.7	46.7	50.0	51.1	51.3	51.4	51.7	52.0	52.4
E	25 U	01		25.0	30.8	38.4	43.0	43.8	47.3	50.2	52.3	55.7	56.9	57.1	57.2	57.5	57.8	58.2
Ε	203			27.7	34.5	42.4	47.7	46.6	52.1	55.2	57.2	60.7	61.8	62.1	62.2	62.4	62.8	63.2
Ε	180			28.3	35.2	43.6	49.2	50.0	53.6	56.6	58.8	62.3	63.5	63.7	63.9	64.1	64.5	64.6
C	150			31.5	38.7	48.7	54.9	55.8	59.6	63.0	65.3	69.4	70.7	71.0	71.1	71.3	71.6	72.2
Ε	120	01		33.8	41.8	53.1	60.0	61.6	65.4	69.1	71.7	76.3	77.6	77.8	78.0	78.2	78.7	79.0
Ε	100	01		34.8	43.4	55.2	62.6	64.2	68.6	72.9	76.2	81.5	82.8	83.2	83.3	R3.5	84.0	84.4
É	90	01		35.2	43.7	55.7	63.6	65.8	70.1	74.6	78.0	R3.8	85.1	85.4	85.8	86.0	86.5	86.8
E	67			35.5	44.5	56.9	65.2	67.4	12.2	76.8	80.3	86.6	88.2	88.5	89.7	99.3	89.9	90.3
ε	73			35.5	44.5	57.0	65.6	67.9	72.7	77.5	81.6	88.3	89.9	90.3	90.8	91.2	91.8	92.2
E	60	וח		35.5	44.5	57.1	66.1	68.4	73.2	78.4	82.5	89.5	91.6	91.9	92.4	93.0	93.6	94.0
Ē	50			35 - 5	44.5	57.1	66.1	68.4	73.3	78.6	82.9	90.0	92.2	92.5	93.1	93.8	94.4	94.8
E	40	-		35.5	44.5	57.1	66.2	66.5	73.5	78.7	03.1	90.4	92.5	93.0	93.6	94.5	75.1	95.5
Ē	30			35.5	44.5	57.1	66.2	68.5	73.5	78.7	83.2	90.6	92.8	93.2	93.8	94.8	95.4	96.1
E	20			35.5	44.5	57.1	66.2	66.5	73.5	78.8	83.3	91.2	93.6	94.1	94.9	96.3	97.3	98.3
E	10	n !		35.5	44.5	57.1	66.2	68.5	73.5	78.8	83.3	91.4	93.7	94.2	95.0	96.8	98.1	100.0
£		01		35.5	44.5	57.1	66.2	66.5	73.5	78.8	83.3	91.4	93.7	94.2	95.0	96.8	98.1	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUGHT OBSERVATIONS

120

PEPIOD OF RECORD: 74-83 MONTH: FEB HOURS(LST): 1200-1400 STATION NUMBER: 106140 STATION NAME: PANSTEIN AB GERMANY VISIBILITY IN HUNDREDS OF METERS CEILING IN | GT FEET | 160 GE 32 GE GL 96 80 60 48 40 24 20 16 12 10 บ NO CETE ! 21.7 27.7 27.6 14.8 16.0 20.4 22.7 27.5 26.1 26.5 21.1 26.8 26.9 26.9 6E 200301 28.4 30.3 30.5 31.8 32.0 32.1 12.0 12 - 1 17.3 18.8 23.8 26.3 311.8 31.0 32.D 32.1 26.4 26.4 26.4 23.9 31.9 32.1 32.1 32.2 32.2 19.0 30.9 17.4 19.U 19.D 23.9 28.4 31.9 GE 160001 17.4 30.5 30.9 31.9 32.1 32.1 32.1 32.2 32.2 6F 140001 17.4 26.9 30.9 31.9 32.1 32.1 32.1 32.2 30.5 32.2 u£ 12000 26.8 27.1 29.6 30.9 27.3 27.6 30.1 32.3 32.7 32.6 32.9 35.9 GE 130001 30.9 32.3 32.7 35.5 17.6 24.3 24.5 26.7 27.8 32.7 32.8 32.9 19.3 28.8 32.9 19.4 29.1 33.1 9000 31.3 31.8 33.3 33.3 34.0 35.4 34.6 80001 19.9 35.5 36.1 36.4 36.5 36.5 G.E 37.0 60001 20.5 31.0 18.0 38.4 GE GE 30 · 1 32 · 1 35.A 37.9 39.6 39.9 42.1 45.4 40.2 42.3 40.4 50001 22.2 23.9 33.4 33.9 38.0 38.6 39.6 40.5 46.5 45001 35.4 40.2 23.9 40.8 41.7 42.7 42.7 25.8 36.0 4000 25.7 34.6 39.0 41.1 43.4 45.0 45.0 47.6 GE 35001 28.1 30.2 41.0 41.6 46.3 46.7 47.7 48.1 48.3 4A.6 48.7 46.7 30an1 50.4 υE 32.5 34.6 56.6 GE 25001 38.2 46.7 51.1 52.3 51.7 57.3 58.5 60.0 60.1 61.0 61.3 61.4 36.0 52.4 55.0 60.5 61.4 66.1 67.7 75.2 66.6 42.4 56.9 63.4 66.8 66.9 2000 56.0 57.3 62.1 65.5 GE 61.0 68.5 18001 40.9 66.6 1500 43.5 46.0 70.3 16.3 12001 46.9 61.3 71.3 74.6 81.4 82.0 82.8 83.9 74.2 75.2 76.9 77.7 72.4 73.5 87.2 88.4 47.3 77.5 78.6 88.2 89.5 10001 50.4 80.6 82.3 A5.5 87.8 88.3 86.7 9001 81.6 84.0 83.4 85.9 87.4 GE 50.9 63.2 87.3 89.0 89.5 89.5 91.6 8001 51.7 80.7 92.2 92.6 48.2 92.1 G E 7001 46.2 51.7 64.4 75.8 81.8 A5.2 92.7 94.3 94.7 94.9 ... 93.7 GE 6001 48.2 51.7 88.2 93.8 5001 97.5 97.5 GE 48.2 64.9 75.9 77.8 94.9 96.9 97.3 51.7 81.9 86.0 88.7 96.3 75.9 75.9 75.9 G E 97.9 4001 51.7 77.8 81.9 86.1 88.9 95.4 96.9 97.5 98.1 98.1 99.1 GE GE 3004 48.2 51.7 51.7 64.9 77.8 81.9 86.1 89.2 94.5 95.9 96.4 97.7 98.3 98.8 99.5 99.1 2001 95.0 1001 89.3 95.0 98.3 98.9 99.5 99.8 104.0 GE 01 75.9 81.9 89.3 95.0 98.3 98.9 99.5 99.8 100.0

TOTAL NUMBER OF OBSERVATIONS: 84

Driver and the same

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

4

					ON NAME:							HONTH	OF PEC : FEB	HOURS	(LST):	1560-1	
CEILING		••••	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • •	VISTBILI					•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • •
IN FLET	i	GT 160	GE 9U	GE Bu	GF GU	GE 48	UE NO	GE 32	GE 24	50 GE	6E 16	GE 12	6F 10	GE .	GE 5		PE
•••••	• • • •	••••	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	•••••	• • • • • •	•••••	•••••	• • • • • • •	• • • • • •	• • • • • •	•••••
NO CEIL	Li		21.2	22.8	28.7	30.6	30.6	31.0	31.2	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 2000			25.9	27.8	34.3	36.4	36.4	36.9	37.1	37.4	37.5	37.5	37.5	37.5	17.5	37.5	37.5
GE 1800			26.2	28.1	34.6	36.8	36.8	37.2	37.5	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 1600			26.5	28.4	34.9	37.0	37.0	37.5	37.7	37.9	30.1	30.1	38.1	36 . 1	34.1	39.1	36.1
GE 1400			26.7	28.6	35.1	37.2	37.2	37.7	37.9	38.2	38.3	39.3	34.3	38.3	30.3	38.3	38.3
GE 1200	JU I		27.3	29.2	35.8	39.1	36.1	38.5	38.8	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 1000	100		27.8	29.8	36.5	38.8	30.6	39.2	39.5	39.7	39.8	39.4	39.8	39.8	39.8	39.8	39.8
GE 9CC	100		27.9	29.9	36.8	39.2	39.2	39.8	40.1	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4
SE BES			29.9	32.0	39.1	41.8	41.8	42.4	42.7	42.9	43.1	43.1	43.3	43.3	43.3	43.3	43.3
GE 703			30.6	32.9	40.4	43.1	43.1	43.7	44.0	44.2	44.6	44.6	44.7	44.7	44.7	44.7	44.7
66 600	100		30.9	33.2	40.8	43.5	43.5	44.1	44.3	44.6	44.9	44.9	45.0	45.0	45.0	45.0	45.0
6E 500	100		32.0	34.5	42.2	44.9	44.7	45.5	45.7	46.0	46.3	46.3	46.5	46.5	46.5	46.5	46.5
GE 453	100		33.1	35.6	43.3	46.0	46.0	46.6	46.8	47.0	47.5	47.5	47.6	47.6	47.6	47.6	47.6
GE 406	וסנ		34.5	37.0	45.0	47.9	47.9	48.5	48.7	48.9	49.4	49.4	49.5	49.5	49.5	49.5	49.5
GE 35.			38.3	40.9	49.2	52.1	52.1	52.7	53.0	53.2	53.7	53.7	53.8	53.0	53.8	53.8	53.6
GE 300	30 [44.4	47.6	57.0	60.9	60.9	61.8	62.1	62.6	63.5	63.5	63.7	63.7	63.7	63.7	63.7
GE 250	301		47.0	51.2	61.1	65.1	65.1	66.1	66.3	66.9	67.7	67.7	68.0	68.0	68.0	68.0	68.0
GE 200	oo i		49.8	54.0	64.7	69.1	69.1	70.3	70.7	71.3	72.2	72.2	72.5	12.5	72.5	72.5	72.5
GE 186			50.6	55.3	66.1	71.0	71.0	72.2	72.6	73.2	74.1	74.1	74.3	74.3	74.3	74.3	74.3
GE 150			53.3	58.2	70.9	76.4	76.4	78.5	79.4	80.0	81.1	81.2	81.6	81.6	A1.7	61.7	81.7
GE 120	301		55.0	60.0	74.1	81.8	81.6	84.6	85.8	86.4	67.7	87.9	88.3	88.3	88.4	88.4	86.4
GE 100	100		56.1	61.5	76.0	85.2	85.5	88.9	90.1	91.0	92.7	92.9	93.4	93.4	93.5	93.5	93.5
GE 90	100		56.4	61.7	76.2	85.7	85.9	89.4	90.5	91.5	93.3	93.5	94.0	94.0	94.1	94.1	94.1
	101		56.5	61.9	76.8	87.0	87.2	90.7	91.8	92.8	95.2	95.4	95.9	95.9	96.0	96.1	96.1
	וחכ		56.5	65.1	77.1	87.6	86.1	91.6	92.8	94.1	96.9	97.3	97.8	97.8	97.9	98.0	98.U
GE 6L	101		56.5	62.1	77.1	87.8	88.4	92.0	93.1	94.4	97.4	97.8	98.3	98.5	98.6	98.7	98.7
	100		56.5	62.1	77.1	87.8	88.4	92.0	93.4	94.7	98.0	98.6	99.2	99.3	99.4	99.5	99.5
	100		56.5	62.1	77.1	87.8	88.4	92.0	93.4	94.8	98.3	99.9	99.5	99.6	99.8	99.9	99.9
	100		56.5	62.1	77.1	87.8	88.4	92.0	93.4	94.8	98.3	99.1	99.6	99.8	99.9	100.0	100.0
	100		56.5	62.1	77.1	87.8	88.4	92.0	93.4	94.8	98.3	99.1	99.6	99.8	99.9	100.0	100.0
GE 10	ופנ		56.5	62.1	77.1	87.8	86.4	92.0	93.4	94.8	98.3	99.1	99.6	99.8	99.9	100.0	100.0
GE	01		56.5	62.1	77.1	87.8	86.4	92.0	93.4	94.8	98.3	99.1	99.6	99.8	44.4	1.0.0	100

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 106140 STATION NAME: RANSTEIN AB GERMANY

	TION NUMBE										MONTH	OF REC	HOURS	ILSTI:		
	LING	• • • • • • • • •	•••••	• • • • • • •	•••••		VISIBIL					•••••	•••••	*****	•••••	• • • • • • • • • • • •
FE	N GT ET 16	0 90	8u 6E	GE 60	GE 48	6E 40	GE 32	GE 24	GE 20	GE 16	GL 12	GE 10	GE 0	GL S	GE 4	6E J
	CEIL	21.7	23.4	28.5	31.0	31.3	32.4	32.5	32.5	32.5	32.5	32.5	32.5	12.5	32.5	32.5
	200001	26.5 26.7	28.5	34.8	37.6	38.1 38.3	39.1 39.4	39.4	37.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
	160001	21.0	29.0	35.2	38.1	38.5	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
	140301	27.3	29.3	35.6	39.4	36.9	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
	15090	27.8	29.8	36.1	38.9	39.4	40.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	46.7
	100001	28.8	30.9	37.4	40.2	40.7	41.7	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1
	90001	29.2	31.2	37.9	40.9	41.4	42.4	42.7	42.7	42.8	42.8	42.8	42.8	12.8	42.8	42.8
GF	80001	31.9	34.0	41.0	44.6	45.0	46.1	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE	7000 6000	32.9 33.0	35.2 35.3	42.4	46.0	46.5	47.5	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.7
UE	9(00)	33.0	35.3	42.6	40.1	40.0	47.6	47.9	47.9	48.0	47.0	48.0	48.0	48.U	48.0	48.11
CE	50301	35.7	38.4	45.7	49.5	50.0	51.1	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE	45001	37.1	39.4	47.3	51.2	51.7	52.7	53.0	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE	40001	38.3	41-1	48.8	53.1	53.5	54.7	55.0	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE	350N)	40.4	43.7	51.8	56.1	56.6	57.8	58.2	58.3	58.6	58.7	58.7	59.7	58.7	5A . 7	58.7
ĢĒ	30001	44.9	49.1	58.2	63.4	63.9	65.2	66.0	66.1	66.4	64.5	66.5	66.5	66.5	66.5	66.5
GE	2500	48.6	53.2	63.1	68.7	69.3	70.7	71.4	71.5	72.0	72.1	72.1	72.1	72.1	72.1	72.1
GE	26001	50.9	55.7	66.5	72.7	73.3	75.3	76.5	76.6	77.1	77.2	17.2	77.2	77.2	77.2	77.2
6 E	1000	52.2	57.1	68.4	75.1	75.7	78.1	79.3	79.4	79.9	8 n. D	80.0	80.0	80.0	87.0	8 L . D
υE	15001	54.5	59.6	72.0	79.3	79.9	82.9	64.0	84.2	45 · 1	85.2	85.3	45.3	A5.6	85.6	85.0
GE	1200)	55.2	60.5	73.3	81.9	83.1	86.4	87.6	87.9	89.4	89.7	89.8	89.8	90.1	90.1	90.1
ŭΕ	10001	55.8	61.7	74.6	83.9	85.1	89.0	90.5	90.9	92.6	92.9	93.0	93.0	93.3	93.3	93.3
GF	900	56.0	61.9	75.1	85.1	86.3	90.2	91.7	92.3	94.0	94.3	94.4	94.4	94.7	94.7	94.7
CE	300	56.1	62.2	75.8	86.2	87.6	91.6	93.1	94.D	96.1	94.5	96.6	96.6	96.8	96.8	96.8
68	roni	56.1	62.2	75.8	86.5	86.3	92.3	93.9	94.7	96.8	97.2	97.4	97.5	97.8	97.8	97.8
٥C	6001	56.1	62.2	75.8	86.5	88.3	92.3	94.0	95.0	97.3	97.6	98.0	98.1	98.3	98.3	94.3
6 E	5001	56.1	62.2	75.6	86.5	86.3	92.3	94.3	95.4	98.3	98.7	99.1	99.2	99.4	99.4	99.4
GE	4401	56.1	62.2	75.6	86.5	88.3	92.3	94.3	95.4	98.3	98.7	99.2	99.3	99.5	99.5	99.5
SE	3001	56.1	62.2	75.8	86.5	88.3	92.3	94.3	95.4	98.5	99.1	99.5	99.6	99.9	99.9	99.9
GE	2001	56.1	62.2	75.8	86.5	88.3	92.3	94.3	95.4	98.5	99.1	99.5	99.6	99.9	99.9	99.9
GE	1001	56.1	62.2	75.8	86.5	86.3	92.3	94.3	95.4	98.5	99.1	99.5	99.6	100.0	100.0	100.0
ij٤	01	56 - 1	62.2	75.8	86.5	88.3	92.3	94.3	95.4	98.5	99.1	99.5	99.6	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PERIOD OF RECORD: 74-83 MONTH: FEB HOURSILST1: 2160-2300 VISIBILITY IN HUNDREDS OF METERS CEILING G€ G€ GE GE GE SE IN I 32 160 90 80 60 48 40 20 10 NO CEIL I 34.4 35.0 36.4 38.8 39.9 39.1 39.4 40.0 28.8 GE 100001 34.3 37.2 37.9 39.5 42.7 43.0 42.1 21.2 37.2 39.5 42.2 42.4 43.4 34.3 37.9 41.1 41.5 43.4 43.1 34.4 GE 160001 29.U 37.4 39.6 38.1 41.3 41.6 42.3 42.6 42.8 43.1 43.3 43.5 GE 14000 27.5 29.2 37.6 36.3 39.8 42.4 43.9 43.7 GE 120301 27.8 29.4 34.9 37.8 38.5 40.1 41.7 42.1 42.7 42.8 43.0 43.3 43.6 43.7 44.0 41.0 41.8 43.0 43.9 44.7 44.9 SF 100001 28.5 30.1 35.6 38.5 39.4 42.7 43.6 43.7 44.2 90001 39.2 40.2 43.5 44.4 44.8 45.0 45.4 UE 28.6 30.6 36.3 44.6 46.8 30.0 32.0 37.7 45.3 46.2 46.3 46.6 47.5 40.8 41.7 45.6 46.2 7000 31.0 33.0 38.7 42.7 44.3 47.2 47.3 47.5 48.5 38.7 44.3 47.2 GΕ 60001 47.8 48.1 31.0 33.0 41.7 46.2 47.3 46.5 32.5 34.5 40.3 42.7 46.6 49.6 52.4 50 · 1 52 · 8 50.6 53.3 GE 50001 34.5 44.0 44.9 48.5 46.8 49.5 49.9 50.5 50.8 45001 36.5 46.3 47.3 51.1 51.5 52.2 52.6 53.5 53.2 46.2 50.0 49.9 40001 37.6 40.0 50.8 52.7 54.7 55.3 56.0 56.1 56.4 56.6 57.0 57.1 57.3 35001 59.9 60.2 6E 44.1 42.7 54.7 55.6 58.6 59.2 6D.4 60.6 61.4 61.1 61.3 30001 62.9 GE 25001 50.5 63.9 70.4 68.6 73.4 70.3 70.6 70.8 71.5 59.1 69.1 70.1 71.2 71.3 46.5 76.1 77.5 76.5 77.9 20001 71.9 18001 49.1 53.5 62.9 68.3 75.4 76.8 77.1 77.3 78.3 GE 69.0 74.8 78.5 80.4 1500 51.5 56.3 81.0 83.1 83.8 84.5 66.8 84.8 ٥E 12001 53.1 57.9 68.7 87.6 88.1 88.3 89.2 10001 58.9 69.9 76.8 90.5 90.9 91.6 92.0 79.9 89.0 92.3 93.3 9401 53.9 83.7 88.4 91.3 91.6 92.1 92.7 93.0 78.3 92.9 59.3 93.7 94.0 94.3 1008 54.3 71.0 80.5 84.6 89.7 90.3 93.3 94.7 94.9 GΕ 7001 6E 4001 54.3 59.5 71.4 79.1 82.2 86.5 91.8 92.4 96.0 96.3 97.2 97.5 97.9 98.1 76.8 97.3 FD01 59.5 79.1 79.1 92.2 97.2 98.0 98.5 98.2 98.9 99.4 99.2 54.3 71.4 98.6 GE 82.3 86.9 93.0 97.8 59.5 79.1 99.8 3001 54.3 71.4 12.3 86.9 92.3 97.4 98.6 98.8 59.5 86.7 98.8 GE 2001 54.3 71.4 79.1 82.3 92.3 93.0 97.4 98.6 97.2 99.5 97.4 97.8 99.5 100.0 1001 54.3 59.5 71.4 79.1 82.3 92.3 98.6 98.8 99.2 GE 86.9 93.0 ΠI 97.4 97.8 4.89 96.8 99.5 6.5 54.3 59.5 71.4 79.1 82.3 86.9 92.3 91.0 99.2 104.0

TOTAL NUMBER OF OBSERVATIONS: 846

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM MOUDLY OBSERVATIONS

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY

C.

						ON NAME:							PER10D MONTH	: FEB	HOURS	(LST):	4LL	
	LING	• • •	••••	• • • • • • • •	•••••	••••			VISIBILI					• • • • • • •	• • • • • • •	•••••		
1		1	GŤ	6E	GE	GE	GE	GE	GE	GE	GE.	GE	SE	G£	GŁ	GE	GE	1a E
	ET		160	70	80	60	48	40	32	24	20	16	12	10	8	5	4	U
		•			_	• • • • • • •						_						
N O	CEIL	ı		18.2	20.3	24.7	26.8	27.3	28.5	29.7	30.3	31.8	31.9	32.0	32.2	32.4	33.0	33.2
GE	2000	n i		20.8	23.2	28.0	30.1	30.8	32.1	33.4	34.0	35.5	35.7	35.8	36.0	36.2	36.8	37.J
	1800			20.9	23.3	20.1	30.3	30.9	32.2	33.5	34.1	35.7	35.4	35.9	36.1	36.3	37.0	37.2
	1603			20.9	23.3	28.1	30.3	30.9	32.2	33.6	34.2	35.7	35.9	36.0	36.2	36.4	37.1	37.3
	1400			21.1	23.4	28.2	30.4	31.0	32.3	33.7	34.3	35.8	36.0	36.1	36.3	36.5	37.2	37.4
	1203			21.3	23.7	26.5	30.7	31.3	32.6	34.0	34.6	36.1	36.3	36.4	36.6	36 . 8	37.5	37.7
GE	1000	1.0		21.9	24.4	29.2	31.4	32.1	33.5	34.8	35.5	37.0	37.2	37.3	37.5	37.7	38.4	36.6
GE	903	n i		22.1	24.6	29.6	31.9	32.6	34.0	35.4	36.1	37.6	37.8	37.9	38.1	38.3	39.0	39.2
GE	800	10		23.5	26.2	31.5	34.0	34.7	36.1	37.7	38.4	40.0	40.2	40.3	40.5	40.8	41.5	41.7
6 E	700) i		24.1	26.8	32.4	34.9	35.6	37.0	38.6	39.3	40.9	41.1	41.2	41.5	41.7	42.4	42.6
GE	6001	0		24.1	26.9	32.4	35.0	35.7	37.1	38.7	39.4	41.0	41.2	41.3	41.6	41.8	42.5	42.7
											11.						_	
٥E	500			25.5	28.3	34.0	36.7	37.4	34.9	40.5	41.1	47.9	43.0	43.1	43.4	43.6	44.3	44.5
	450			27.3	30.1	36.1	38.9	39.6	41.1	42.8	43.5	45.3	45.4	45.5	45.8	46.1	46.8	47.0
GE	400			29.6	32.7	39.0	42.0	42.6	44.4	46.2	46.9	48.8	48.9	49.0	49.3	49.6	50.3	50.5
ĿΕ	3501			32.0	35.2	41.8	45.0	45.7	47.5	49.3	50.0	52.0	52.2	52.3	52.6	52.9	53.6	53.7
Ŀ€	300	3		36.7	40.5	48.1	51.6	52.5	54.4	56.3	57.2	59.4	59.7	59.9	60.1	67.5	61.2	61.4
GE	250	10		40.1	44.3	52.4	56.1	56.9	59.0	61.1	62.0	64.2	64.4	64.6	64.9	65.2	65.9	66.1
űΕ	200	οi		42.8	47.4	56.2	60.3	61.2	63.5	65.9	66.8	69.1	69.4	69.7	70.0	70.3	71.0	71.2
G€	180) i		43.7	48.4	57.5	61.0	62.7	65.1	67.5	68.4	70.8	71.1	71.3	71.6	71.9	72.7	72.9
ŭ€	1500	71		46.2	51.2	61.4	66.6	67.6	70.5	73.2	74.2	76.9	77.3	77.6	77.9	78.3	79.1	79.2
GE	120	10		48.2	53.5	64.6	70.9	72.3	75.4	78.5	79.6	82.7	83.1	83.5	83.8	84.1	84.9	85.1
GE	100	1 .		49.1	54.8	66.5	73.6	75.1	78.6	82.3	83.6	67.C	87.5	87.9	88.2	88.6	89.3	89.5
ÜE	90			49.3	55.1	67.0	74.3	76.0	79.8	83.4	84.7	48.3	88.7	89.2	89.5	89.9	97.7	90.9
GE	80) i		49.6	55.6	67.9	75.5	77.2	81.2	85.0	86.4	90.6	91.1	91.6	91.9	92.3	93.1	93.3
6 E	741	οi		49.6	55.6	60.1	75.9	77.8	81.9	85.9	87.4	91.9	92.4	92.9	93.3	93.7	94.5	94.7
GE	601	D I		49.6	55.6	68.2	76.2	78.0	82.2	86.4	88.0	92.8	97.4	93.9	94.2	94.7	95.5	95.7
ů F	501			49.6	55.6	68.3	76.3	78.2	82.5	86.9	88.6	93.8	94.5	95.1	95.4	95.9	96.7	y6.9
ÚΕ	401			49.6	55.6	68.3	76.3	78.3	82.7	87.2	89.0	94.4	95.1	95.7	96.1	96.6	97.5	97.7
GE	30			49.6	55.6	68.3	76.3	76.3	82.7	87.2	89.1	94.7	95.4	96.1	96.5	97.2	98.0	96.3
GE	200			49.6	55.6	68.3	76.3	78.3	82.7	87.3	89.2	95.0	95.8	96.5	96.9	97.7	98.7	99.1
GE	13			49.6	55.6	68.3	76.3	78.3	32.7	87.3	89.2	95.1	95.9	96.6	97.1	98.0	99.0	99.7
JL		- 1		17.0	33.0	20.3	10.3	(0.3	3611	31.3	0702	7704	7347	70.0	77.5	7010	,,,,	,,
٥E		10		49.6	55.6	68.3	76.3	76.3	82.7	87.3	87.2	95.1	95.9	96.7	97.1	98.0		100.0

GLOBAL CLIMATOLOGY PRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

50

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 74-83 STATICY NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY MONTH: MAR HOURS(LST): 0000-0200 VISIBILITY IN HUNDREDS OF METERS CEILING G٤ GE GE uE GE ůΕ IN | GT FEET | 160 32 24 20 40 911 80 60 48 16 12 10 n NO CEIL I 27.4 32.3 32.8 33.4 33.8 34.9 35.8 37.2 28.4 30.9 32.2 34.5 36.5 36.7 GE 200301 31.8 33.4 37.7 38.1 38.9 39.8 40.2 41.3 41.6 42.5 43.1 43.3 43.9 36.3 39.9 43.4 31.8 37.8 36.2 39.0 40.3 41.3 41.3 41.7 42.6 43.2 SE 180001 33.4 41.4 44.0 GE 160001 40.3 42.6 43.2 43.4 44.0 31.8 41.4 GE IMPORT 33.4 36.3 37.A 38.2 10.0 39.9 47.3 41.3 41.7 42.6 41.2 43.4 120001 38.2 40.3 36.3 37.8 33.9 34.3 GE 38.7 39.4 41.7 41.4 42.7 42.4 43.0 42.5 43.4 44.2 44.8 47.2 47.7 44.3 44.6 46.7 100001 35.7 40.2 40.5 45.5 46.1 46.3 36.2 40.9 41.2 46.1 46.8 8000 F 36.0 38.3 43.2 43.5 44.4 45.4 45.8 47.3 47.6 48.5 49.1 49.4 49.9 44.9 70301 44.1 42.3 60001 49.2 50.1 46.5 52.7 57.6 GE 50301 40.9 48.4 48.8 50.2 50.3 50.6 51.5 52.2 52.4 55.4 45001 43.1 46.0 50.8 57.3 53.9 54.9 56.8 62.3 56.9 57.2 58.1 58.7 58.9 59.5 55.6 GE 40001 64.4 64.9 50.5 59.0 62.4 64.2 35001 66.0 69.7 GΕ 30701 56.9 60.3 66.6 68.6 69.0 70.4 71.9 72.4 73.9 74.0 74.3 75.2 75.8 76.0 76.6 72.5 77.1 25001 70.4 74.7 72.9 77.5 74.3 78.9 75.8 77.8 82.7 GE 78.0 82.8 79.1 79.8 80.0 86.5 66.5 81.1 83.3 84.2 84.8 GΕ 62.9 85.1 85.6 75.2 79.0 85.5 85.7 16001 83.3 83.4 84.0 63.3 66.9 81.1 84.9 89.0 6E 15001 66.1 81.4 82.0 83.4 85.9 90.4 GE 12001 68.3 84.0 84.6 86.0 90.5 90.6 G E 10001 94.2 70.4 74.4 84.2 87.5 88.9 90.8 93.5 94.1 95.1 95.6 95.7 96.1 96.7 86.8 93.7 88.3 88.3 9001 70.6 84.6 91.3 96.2 96.7 97.2 94.6 74.8 74.8 84.7 84.7 87.5 91.8 93.0 94.7 95.1 95.3 96.8 97.2 97.7 GE 8001 70.6 89.9 96.1

TOTAL NUMBER OF OBSERVATIONS:

70.6

70.6

70.8

70.8

70.8

70.8

70.6

75.1 75.2

75.2

75.2

84.9

84.9

85.1

85.1

87.7

87.7

87.8

87.8

88.5

88.5

88.6

88.6

7001

6001

5001

4001

3001

200

1301

01

6 E

GE

GE

GE

GF

89.9

90.1

90.1

90.2

93.2

97.2

91.9

92.4

92.5 93.1

93.1

93.7

94.5

94.8

95.5

95.6 96.8

76.8

95.6

96.9

96.9

96.9

96.9

96.1

96.2

97.4

97.4

96.5

97.0

97.1

98.3

98.3

98.3

97.6

9.80

98.9

79.0

98.1

98.2

99.4

99.5

98.6

98.1

99.9

90.9

100.0

100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

RAMSTEIN AB GERMANY PEPIOD OF RECORD: 74-83 MONTH: MAR HOURS (LST): 0300-6500 CEILING VISIBILITY IN HUNDREDS OF METERS G1 160 ٥٤ 90 GE 8U 6E 40 GE 32 GE 24 GE 20 GE GE GE FEET 60 16 10 NO CEIL | 24.1 25.3 26.7 27.7 28.5 30.0 30.9 31.7 33.0 34.6 31.6 31.6 32.9 32.9 33.2 33.2 GE 200001 29.9 34.3 36.0 36.0 37.1 38.1 39.4 39.4 36.0 36.2 GE 160301 36.2 28.6 35.3 36.0 37.1 38.1 38.5 34.6 32.9 28.6 29.9 31.6 33.2 34.3 35.3 36.0 36.2 37.1 38.1 39.4 36.0 38 . 5 36 . 0 GE 14000 36.D 31.6 GE 120001 28.6 30.0 31.7 33.0 33.3 34.4 34.7 35.4 36.1 36.1 36.3 37.2 38.2 34.6 39.5 GE 100001 34.9 29.1 30.5 32.3 33.5 33.9 34.0 35.3 35.9 36.0 36.9 37.1 37.2 38.0 38.1 39.0 39.6 36.9 37.0 44.5 80001 40.0 30.8 33.9 35.2 35.6 36.7 38.9 38.9 41.2 41.7 42.8 70001 31.6 33.0 37.5 38.1 38.7 39.9 39.9 40.1 41.0 GE 60301 31.6 33.0 34.7 36.D 36.5 37.5 38 . 2 38.8 40.0 40.0 40.2 41.1 42.3 42.8 43.9 45.3 51.5 56.3 33.7 37.8 40.5 46.7 41.2 47.3 43.0 43.0 43.2 44.1 50.3 45.8 52.0 GF snont 35.1 37.3 38.7 39.1 41.8 46.9 39.4 42.6 44.9 53.1 45001 44.4 48.0 GE 40701 41.9 43.5 46.9 48.8 49.4 51.1 51.9 52.8 54.1 54.1 54.3 55.2 56.9 58.0 35001 46.7 57.3 57.3 57.5 59.8 υE 44.8 50.0 52.0 52.6 54.3 55.2 56.0 58.6 60.4 61.5 3000 GE 55.7 64.5 69.1 69.9 66.3 67.5 72.7 73.5 68.5 69.8 71.3 76.8 77.6 72.5 78.J 74 • 2 79 • 7 2500 53.1 60.9 63.7 69.8 70.1 75.5 GĒ 2000 56.6 57.3 59.4 65.8 68.2 79.6 18001 60.1 76.0 GE 68.9 72.3 74.5 76.D 76.3 78.8 79.5 84.5 1500 GE 12001 65.1 68.4 75.7 79.7 66.7 67.0 88.1 88.9 89.9 91.3 ЬE 10001 70.1 77.3 81.6 82.7 85.4 86.9 89.7 89.7 90.0 92.5 93.1 94.5 77.6 77.8 82.2 82.7 87.7 90.5 GE 9101 70.4 83.3 90.5 93.3 94.0 95.4 86.1 90.9 800 70.6 83.9 87.0 91.5 93.1 6 E 700 67.2 70.6 78.1 82.9 84.1 87.3 89.2 90.8 92.4 97.4 92.7 94 . D 95.2 95.8 91.2 6001 GE 67.2 70.6 78.1 87.5 89.5 91.0 92.6 92.6 92.9 95.5 5001 92.6 92.6 97.7 6E 67.2 70.6 78.1 82.9 84.1 87.5 89.5 91.0 92.9 94.2 95.7 94.3 67.2 92.8 93.3 93.3 92.5 94.4 400 J 70.6 82.9 78.1 78.1 84.1 95.9 96.6 98.0 87.5 89.7 93.7 96.5 GE 84.1 87.5 90.2 91.7 87.5 95.3 GE 2001 67.2 70.6 84.1 93.7 97.8 90.2 91.7 93.3 1001 70.6 98.0 106.0 90.2 98.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

						ON NAME:							MONTH		HOURS	(LST):	0600-0	300
	LING		••••	• • • • • • •	•••••	•••••	• • • • • •		VISIBIL					• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • • • • • • • • • • • • • • •
FE	IN EET	1	61 160	GE 90	GE 80	GE 6U	GE 48	6E 40	GE 32	GE 24	6E 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE O
NO	CEIL	ŧ		17.6	19.9	21.7	22.4	22.5	23.2	24.6	24.8	25.6	25.7	25.7	26.2	26.7	27.4	28.0
SE	2000	01		20.8	23.0	24.9	25.6	25.8	27.2	28.8	29.0	30.1	30.5	30.6	31.2	31.7	32.6	33.1
üΕ	1800	a i		20.8	23.0	24.9	25.6	25.8	27.2	28.9	29.1	30.2	30.6	30.8	31.3	31.8	32.7	33.2
GE	1600	01		20.8	23.0	24.9	25.6	25.8	27.2	28.9	29.1	30.2	37.6	30.8	31.3	31.8	32.7	33.2
	1400			20.8	23.0	24.9	25.6	25.6	27.2	28.9	29.1	30.2	30.6	30.8	31.3	31.8	32.7	33.2
GE	1200	01		21.2	23.4	25.4	26.0	26.2	27.6	29.4	29.6	30.6	31.1	31.2	31.7	32.3	33.1	33.7
GE	1000	01		21.7	24.1	26.0	26.7	26.9	28.4	30.1	30.3	31.4	31.8	31.9	32.5	33.0	34.1	34.6
GE	900	οi		22.0	24.5	26.5	27.1	27.3	28.8	30.5	30.9	31.9	32.4	32.5	33.0	33.5	34.6	35.2
SΕ	800	0		23.4	25.9	28.2	28.8	29.0	36.5	32.4	33.0	34.3	34.7	34.8	35.5	36.0	37.2	37.7
GΕ				23.9	26.3	78.7	29.4	29.6	31.2	33.1	33.8	35.1	35.5	35.6	36.3	36.9	38.1	36.6
GE	600	0		24.2	26.7	29.0	29.7	29.9	31.6	33.5	34.2	35.5	35.9	36.0	36.8	37.3	38.5	39.0
6 E	500	าไ		26.8	29.4	31.8	32.7	32.9	34.6	36.6	37.3	38.6	39.0	39.2	40.2	41.1	42.3	42.8
GE	450	οi		30.0	32.8	35.7	36.7	36.9	38.9	40.9	42.0	43.4	43.9	44.1	45.1	46.1	47.5	48.1
GE	400	0 (34 . 1	37.4	40.8	41.9	42.5	44.6	46.9	48.1	49.7	50.1	50.3	51.3	52.5	53.9	54.4
GE	350	n j		36.9	40.5	44.0	45.2	45.7	47.8	50.1	51.3	53.0	53.4	53.7	54.6	55.8	57.2	57.7
υE	300	01		40.6	44.4	48.5	49.7	50.2	52.4	54.6	55.8	58.1	58.5	58.7	59 • 7	60.9	62.3	62.8
GE	250	01		43.7	47.5	52.4	54.1	54.7	57.0	59.4	60.5	62.9	63.3	63.5	64.5	65.7	67.1	67.6
GE	200	οi		49.1	53.0	58.7	69.4	61.4	64.5	67.0	68.3	71.0	71.4	71.6	72.6	73.8	75.2	75.7
ĿΕ	180	01		50.3	54.2	59.9	61.6	62.6	65.7	68.2	69.5	72.3	72.7	72.9	73.9	75.1	76.5	77.0
GE	150	D I		53.4	58.1	64.8	66.8	67.7	71.3	73.9	75.2	78.2	74.6	78.8	79.5	81.1	82.5	83.0
ĹΕ	120	n j		56.6	61.4	68.2	70.2	71.2	74.8	77.5	78.8	81.9	82.4	82.6	83.5	F4 . 8	66.2	86.8
ĿĒ.	103	01		58.5	63.8	71.4	73.7	74.6	78.4	81.2	82.7	85.9	86.3	86.6	87.5	68.8	97.2	90.8
GE	93	οi		58.9	64.2	71.8	74.2	75.2	78.9	81.7	83.2	86.5	86.9	87.2	88.2	89.5	90.9	91.4
GE	831	0		59.5	64.8	72.6	75.3	76.2	80.3	83.1	84.6	88 . 1	88.5	88.8	89.8	91.1	92.5	93.0
GE	70	01		59.6	65.1	73.2	75.9	76.9	81.3	94.4	85.9	89.4	89.8	90.1	91.2	92.5	93.9	94.4
ŭ €	60	ΠI		59.6	65.1	73.3	76.0	77.1	81.7	84.9	86.6	90.0	90.4	90.8	91.8	93.1	94.5	95.1
GE	501	01		59.6	65.1	73.3	76.0	77.1	81.8	85.4	87.0	90.4	90.9	91.5	92.9	94.2	95.6	96.1
GE	40			59.6	65.1	73.3	76.0	77.1	81.8	85.5	87.1	90.5	91.0	91.6	93.0	94.3	95.7	96.2
GE	30	DI		59.6	65.1	73.3	76.0	77.1	81.8	85.5	87.1	90.5	91.2	91.8	93.5	94.8	96.2	97.3
GE	201	0 (59.6	65.1	73.3	76.0	77.1	81.8	85.5	87.1	90.5	91.2	91.9	93.8	95.2	97.5	99.2
GE	101	D		59.6	65.1	73.3	76.0	77.1	61.8	85.5	67.1	90.5	91.2	91.9	93.8	95.2	97.6	99.9
GE	ı	n i		59.6	65.1	73.3	76.0	77.1	81.8	85.5	87.1	90.5	91.2	91.9	93.9	95.3	97.7	100.0

GLUBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PERIOD OF RECORD: 74-83 MONTH: MAR HOURS (LST): U900-1100 VISIBILITY IN HUNDREDS OF METERS CEILING GE IN GE GE GE GE GE GE GE GE GΕ GE 160 90 8J 48 40 32 24 20 12 10 نا NO CETL I 23.6 23.7 23.7 24.1 25.2 25.4 29.5 29.9 GE 200001 14.9 15.U 17.1 17.2 23.9 27.6 28.6 29.6 28.8 29.2 29.4 20.7 26.5 29.8 30.2 24.0 24.0 24.4 GE 18000 20.8 26.7 27.8 28.8 29.7 30.0 30.1 36.5 28.8 29.4 29.8 17.2 17.7 20.8 25.4 25.8 26.7 27.1 27.8 28.2 28.8 29.7 30.0 30.5 GE 160001 15.0 30.1 30.5 30.1 GE 14000 15.4 30.6 30.9 GE 120001 15.5 30.1 30.9 28.6 29.5 32.3 33.4 32.6 33.9 33.6 34.8 37.5 GE 100001 30.0 32.3 33.4 17.5 26.8 27.6 27.1 33.2 33.5 33.9 20.2 23.8 34.7 37.4 39.3 GE 90001 18.1 21.0 30.9 32.2 35.1 acupi 19.3 22.4 26.4 27.7 29.5 30.8 30.0 31.6 33.0 33.2 34.8 36.0 37.9 36.0 37.9 36.5 36.9 38.9 37.8 39.7 GE 34.7 36.4 7000 60301 40.9 5000 21.7 24.4 25.0 27.9 32.6 35.8 38.3 33.2 36.4 38.9 35.0 36.9 40.4 43.1 40.4 44.2 47.4 41.3 42.2 29.5 32.6 38.5 40.3 41.8 41.9 38.3 40.9 42.2 46.2 6 F 45001 44.1 46.0 48.1 49.2 40001 29.9 35.1 26.2 48.5 49.9 GE 46.9 3500 GΕ 3nun l 34.1 39.4 45.4 48.9 49.4 51.6 54.0 60.1 60.9 61.5 25001 52.7 59.4 61.2 61.8 69.3 71.4 63.D 70.5 72.6 63.4 70.9 73.0 64.0 71.6 73.6 64.3 71.8 73.8 41.7 48.2 54.3 55.8 52.1 57.4 64.8 72.3 74.4 69.8 GF 20001 40.9 62.0 64.5 66.4 60.6 16001 42.1 48.3 ٥E 15001 52.7 70.6 79.9 GE 12001 48.5 55.1 64.0 70.6 71.5 74.4 77.2 79.3 82.6 83.0 83.7 84.2 84.8 85.0 85.6 77.0 GE 10001 49.6 79.9 86.3 88.1 87.5 87.9 88.6 89.5 50.2 56.9 74.1 78.5 78.9 81.6 88.5 89.7 90.4 GE 9301 66.7 75.0 83.9 89.2 90.6 91.3 74.3 75.3 84.5 90.1 90.5 8001 50.3 88.9 11.8 92.5 GE 66.8 GE 7301 50.9 57.9 75.5 80.3 83.9 90.7 91.3 92.1 92.7 93.8 94.0 91.5 92.0 94.7 95.4 GE 6001 50.9 67.7 75.6 76.7 80.7 84.3 86.7 92.9 93.4 94.5 GE 500 | 400 | 50.9 57.9 67.7 75.6 76.9 80.9 84.5 86.9 92.0 92.6 93.4 94.7 95.U 95.8 95.3 96.0 95.9 75.6 75.6 96.4 ĿΕ 330 67.7 76.9 80.9 84.8 93.4 93.9 94.7 97.5 GE 2001 50.9 57.9 67.7 76.9 80.9 84.8 87.4 93.3 94.1 95.0 95.7 97.8 59.4 GE 1004 87.4 93.3 97.1 99.9 50.9 57.9 67.7 75.6 76.9 80.9 84.8 95.0 95.7 98.1 84.6 GE n i 50.9 57.Q 80.9 47.4 93.3 94.1 95.0 95.7 97.1 98.1 100.0

TOTAL NUMBER OF OBSERVATIONS:

Name of the last

-

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TICH	NUM	8ER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMAN'	4			PERIOD			-83 (LST):	1200-14	00	
	LING	• • • •	• • • • •	• • • • • •	•••••	•••••	•••••		VISIBIL					• • • • • •	• • • • • • •	•••••	• • • • • •	•••••	••
	N	1	G T	GE	GE	űξ	GE	GE	GE.	GE	GE	GE	GE	GE	GΕ	GŁ	GE	GE	
	ET		160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	Ü.	
• • • •																		••••	• •
NO	CEIL	1		15.7	17.0	18.9	20.6	26.6	21.2	21.4	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
GF	20000	1.		21.9	24.1	27.0	29.5	29.5	30.3	30.6	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
	18000			22.3	24.5	27.4	29.9	29.9	30.8	31.1	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	
GE	16000) i		22.4	24.6	27.5	30 · 0	30.0	30.9	31.2	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	
úΕ	14000) į		22.6	24.9	27.6	30.3	30.3	31.2	31.5	31.7	31.9	31.9	31.7	31.9	31.9	31.9	31.9	
G€	12000) i		22.8	25.3	28.3	30.8	30.8	31.6	31.9	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4	
ЬE	10000	1		24.2	26.8	29.8	32.4	32.4	33.2	33.5	33.8	34.2	34.2	34.2	34.2	34.2	34.2	34.2	
GE	9000	1		24.8	27.4	30.4	33.0	33.0	33.9	34.3	34.5	34.9	34.9	34.9	34.9	34.9	34.9	34.9	
GE				25.7	29.1	32.6	35.7	35.8	36.7	37.1	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	
6 E	7000			26.8	30.3	33.8	36.9	37.0	37.8	38.3	38.5	39.0	39.0	39.0	39 • D	39.0	39.0	39.0	
6E	6000	1		27.1	3D.6	34.1	37.2	37.3	38.2	38.6	38.8	39.4	39.4	39.4	39.4	39.4	39.4	39.4	
GE	5000	1		28.1	31.6	35.2	38.5	38.6	39.5	39.9	40.1	40.6	40.6	40.8	40.8	40.8	40.8	40.8	
GE	4500	j		30.1	33.8	37.3	41.0	41.1	42.0	42.8	43.2	43.8	43.8	43.9	43.9	43.9	43.9	43.9	
GE	4000	1		32.4	36.5	40.2	44.0	44.1	45.1	45.8	46.2	47.1	47.1	47.2	47.2	47.2	47.2	47.2	
GE	3500	1		37.4	42.3	46.8	50.5	50.6	51.6	52.4	52.8	53.7	53.7	53.8	53.8	53.8	53.8	53.8	
٥E	3000	3 (47.3	52.4	57.6	61.5	61.6	62.7	63.5	64.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	
CE	2500	1		51.1	56.5	62.0	65.9	66.0	67.2	68.1	68.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	
GΕ	2000) į		56.2	61.8	67.6	72.0	72.2	73.3	74.2	74.6	75.8	75.8	75.9	75.9	75.9	75.9	75.9	
GΕ	1800			57.3	63.0	69.7	74.1	74.2	75.4	76.2	16.7	77.8	77.8	78.0	78.0	78.0	74.0	78.0	
GE	1500			62.5	68.3	76.2	81.7	82.0	83.3	84.2	84.6	86.1	86.1	86.2	86.3	86.3	86.3	86.3	
ĿΕ	1530	l r		64.8	70.9	79.7	85.3	85.6	86.9	87.8	88.5	90.3	90.3	90.4	90.5	90.5	90.5	90.5	
ú E	1000	1		55.8	71.8	81.2	87.1	87.6	89.0	90.3	91.0	93.1	93.1	93.3	93.4	93.4	93.4	93.4	
ĠΕ	900			65.9	71.9	81.4	87.7	88.3	89.9	91.3	91.9	94.3	94.3	94.5	94.6	94.6	94.6	94.6	
GE	800	1		66.0	72.4	81.8	88.4	89.1	91.0	92.5	93-1	95.6	95.7	95.9	96.1	96.1	96.1	96.1	
GE	7 45	1		66.7	73.0	92.5	89.1	89.9	91.8	93.8	94.5	97.1	97.2	97.4	97.6	97.6	97.6	97.6	
ŭ€	600	1		66.7	73.0	82.5	89.1	89.9	91.9	94.3	95.3	08.3	99.4	98.6	98.8	98.8	94.8	98.8	
GE	500	1		66.7	73.0	82.5	89.1	96.0	92.0	94.4	95.4	98.5	99.7	98.9	99.1	99.1	99.1	99.1	
GΕ	400	11		66.7	73.0	82.5	89.1	90.0	92.0	94.4	95.5	98.7	98.9	99.1	99.4	99.4	99.4	99.4	
Ŀ€	300			66.7	73.0	82.5	89.1	90.0	92.2	94.5	95.7	99.0	99.5	99.8	100.0	100.0	100.0	100.0	
GE	200			66.7	73.0	82.5	89.1	90.0	92.2	94.5	95.7	99.0	99.5	99.8	100.0	100.0	100.0	100.0	
GE	100	1		66.7	73.0	82.5	89.1	90.0	92.2	94.5	95.7	99.0	99.5	99.8	100.0	100.0	100.0	100.3	
GE		1		66.7	73.0	82.5	89.1	9U•0	92.2	94.5	95.7	99.0	99.5	99.8	100.0	100.0	100.0	100.0	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIPILITY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY

CEILING IN 67	STATION NUMBE														1500-17	
The			••••													
NO CEIL		G.F	64	G.F	GF							GF	GF	GF.	GF	G.F
NO CEIL Zu.6 Zi.5 Zi.2 Zu.1 Zu.2 Zu.3																
NO CEIL I													-	•		
GE 20000 29.8 31.2 33.4 34.7 34.8 35.1	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • • •		• • • • • •		• • • • • • •		• • • • • • • •	• • • • • •	•••••	•••••	
GE 180001	NO CEIL I	20.6	21.5	23.2	24.1	24.2	24.3	24,3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 180001	GE 200001	29.2	30.6	32.9	34.2	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 140001																
GE 140001 30.3 31.9 34.2 35.5 35.6 35.8 35.8 35.8 35.8 35.8 35.8 35.8 35.8																
GE 120001 31.4 33.0 35.3 36.6 36.7 36.9 39.0																
Et 1000fi 33.0 34.8 37.4 38.7 38.8 39.0																
GE 80001 33.3 35.4 38.0 39.2 39.4 39.6 39.7 39.7 39.7 39.7 39.7 39.7 39.7 39.7	06 150001	3.04	33.0	3303	,,,,	3001	3007	3007	30.7	,,,,,	3007	3007	3017	,,,,	,,,,	2007
GE 80001 33.3 35.4 38.0 39.2 39.4 39.6 39.7 39.7 39.7 39.7 39.7 39.7 39.7 39.7	(.c. innunt	28.0	24.0	17.4	10.7	10.0	10.n	10.n	89.n	80.n	10.0	to.n	10 n	10.0	to.n	30)
6E 80001 35.2 37.6 80.5 81.9 42.3 42.6 42.6 42.6 42.6 42.7																
GE 7000 36.0 38.7 41.6 43.1 43.4 43.7 43.8 44.0 44.1 44.1 44.1 44.1 44.2 44.2 44.2 44.2																
GE 50001 38.4																
GE 5000																
GE 45001 40.8 43.4 47.0 48.7 49.0 49.2 49.4 49.4 49.4 49.4 49.5 49.5 49.5 49.5	or proni	20 • 2	34.0	41.4	43.4	43.8	44.0	44.1	44.1	44.1	44.1	77.1	44.2	44.2	44.2	44.2
GE 45001 40.8 43.4 47.0 48.7 49.0 49.2 49.4 49.4 49.4 49.4 49.5 49.5 49.5 49.5	or sonel	70 4	41 1			44.1	44.7		44.8	84 E		44 6	44 4		4. 4	44.4
GE 4000 43.9 47.0 50.5 52.4 52.7 52.9 53.1 53.2 53.2 53.2 53.2 53.3 53.3 53.3 53.3																
GE 3500 49.8 53.1 57.4 59.2 59.6 59.8 60.0 60.1 60.1 60.1 60.1 60.2 60.2 60.2 60.2 60.2 60.2 60.2 60.2																
GE 30001 61.8 65.5 70.4 72.5 72.8 73.1 73.3 73.4 73.4 73.4 73.5 73.5 73.5 73.5 73.5 73.5 73.5 GE 25001 66.9 70.6 75.9 78.2 78.5 78.8 79.0 79.1 79.1 79.1 79.1 79.2 79.2 79.2 79.2 79.2 GE 20001 72.5 76.6 82.9 85.3 85.6 85.9 86.1 86.2 86.2 86.2 86.2 86.3 86.3 86.3 GE 18001 73.7 77.7 84.5 86.9 87.2 87.5 87.7 67.8 87.8 87.8 87.8 88.0 88.0 88.0 GE 15001 76.8 81.2 89.0 91.9 92.3 92.7 93.4 93.5 93.5 93.5 93.5 93.7 93.7 93.7 93.7 GE 12001 79.0 83.7 91.9 95.1 95.4 95.8 96.6 96.8 96.8 96.8 96.8 96.8 96.9 96.9																
GE 25001 66.9 70.6 75.9 78.2 78.5 78.8 79.0 79.1 79.1 79.1 79.1 79.2 79.2 79.2 79.2 79.2 66.2 80.0 72.5 76.6 82.9 85.3 85.6 85.9 86.1 86.2 86.2 86.2 86.2 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3																
GE 20001 72.5 76.6 82.9 85.3 85.6 85.9 86.1 86.2 86.2 86.2 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3	at 30001	01+0	63.3	10.4	12.5	72.0	,,,,,	13.3	13.4	13.4	1304	73.4	7365	7363	13.3	1363
GE 20001 72.5 76.6 82.9 85.3 85.6 85.9 86.1 86.2 86.2 86.2 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3	GE 25481	64.9	70.6	75.9	78.2	78.5	78.8	79.0	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2
GE 18001 73.7 77.7 84.5 86.9 87.2 87.5 87.7 67.8 87.8 87.8 87.8 88.0 88.0 88.0 88.0 8																
GE 1500																
GE 12001 79.U 83.7 91.9 95.1 95.4 95.8 96.6 96.8 96.8 96.8 96.8 96.9 96.9 96																
GE 10001 79.2 83.9 92.2 95.7 96.0 96.5 97.2 97.6 97.6 97.6 97.7 97.7 97.7 97.7 97.7																
GE 9001 79.4 84.0 92.3 95.8 96.1 96.7 97.4 97.8 97.8 97.8 97.8 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98																
GE 9001 79.4 84.0 92.3 95.8 96.1 96.7 97.4 97.8 97.8 97.8 97.8 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98	GE 10001	79.2	8 3 . 9	92.2	95.7	96.0	96.5	97.2	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.1
GE 7071 79.7 84.3 92.7 96.5 96.8 97.6 98.5 98.9 99.0 99.2 99.4 99.5 99.5 99.5 99.7 99.7 99.7 99.7 99.7	GE 9001												98.0	98.0	98.0	96.C
GE 7071 79.7 84.3 92.7 96.5 96.8 97.6 98.5 98.9 99.0 99.2 99.4 99.5 99.5 99.5 99.7 99.7 99.7 99.7 99.7	SE 8001	79.7	84.3	92.6	96.3	96.7	97.4	94.3	94.7	98.8	99.6	99.0	99.1	99.2	¥9.2	99.2
3E 6001 79.7 84.3 92.7 96.5 96.8 97.6 98.6 99.0 99.2 99.2 99.5 99.6 99.7 99.7 99.7 UE 5001 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.7 99.8 99.8 99.8 GE 4001 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0 100.0 GE 3001 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0 100.0 GE 2001 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0 100.0 GE 1001 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0	GE 7021	79.7					97.6					99.2	99.4	99.5	99.5	99.5
UE 5001 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.7 99.8 99.8 65 4001 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.																
GE 4001 79:7 84:3 92:8 96:6 96:9 97:7 98:7 99:1 99:4 99:4 99:6 99:9 100:0 100:	00						,,,,,									
GE 4001 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0 100.0 GE 3001 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0 100.0 GE 2001 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0 100.0 GE 1001 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0 100.0 GE 1001 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0 100.0	GE 5001	79.7	84.3	92.8	96.6	96.9	97.7	98.7	99.1	99.4	99.4	99.6	99.7	99.8	49.8	99.8
GE 300 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0 100.0 GE 200 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0 100.0 GE 1J0 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0 100.0													99.9	100.0	100.0	100.0
GE 200 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0 100.0 GE 100 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0 100.0	GE 3001	79.7	84.3	92.8	96.6		97.7				99.4	99.6	99.9	100.0	100.0	100.0
GE 1UN 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0	GE 2001	79.7	84.3	92.8	96.6	96.9	97.7	98.7		99.4	99.4	99.6	99.9	100.0	100.0	100.0
GE 71 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0																100.0
GE 71 79.7 84.3 92.8 96.6 96.9 97.7 98.7 99.1 99.4 99.4 99.6 99.9 100.0 100.0																
					-			-								

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERHANY

PERIOD OF RECORD: 74-83 MONTH: MAR HOURS(LST): 1800-2000

	LING	 • • • • • • •	• • • • • • •	•••••	• • • • • • •		VISIBIL					••••	• • • • • • •	•••••	• • • • • •	• • • • • • • • • •
I		GE	G€	GE	GE	GE	GE	GΕ	GE	GE	GE		GE	GE	GE	GE
	ET [90	80	6.1	48	40	32	24	20	16	12	10	8	5	4	Ü
• • • •	• • • • • • •	 	• • • • • • • •	•••••	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •					•••••	• • • • • •	•••••		• • • • • • • • • •
NO I	CEIL	25.5	26.1	27.4	27.7	27.7	28.0	28.0	28.0	28.0	29.0	28.0	28.0	28.0	28.0	20.0
	snonoi	4.9	36.0	37.6	36.3	38.3	38.8	38.8	38.9	38.9	39.9	38.9	38.9	38.9	38.9	36.9
	18090	35.2	36.2	37.8	38.5	38.5	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
	160001	35.3	36.3	38.0	38.6	38.6	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
	14000	36.0	37.4	39.U	39.7	39.7	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE .	120001	37.2	38.6	40.2	41.1	41.1	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
	100001	39.7	41.5	43.5	44.4	44.4	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
	90001	40.6	42.5	44.5	45.4	45.4	45.9	45.9	46.0	46.U	46.0	46.0	46.0	46.0	46.0	46.0
GF.		45.5	47.7	49.9	51.0	51.0	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
	7000	46.1	48.4	50.5	51.8	51.8	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE	60001	46.6	48.8	51.0	52.3	52.3	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
CE	5000	48.4	50.6	52.8	54.2	54.2	54.7	54.7	54.0	54.8	54.8	54.8	54.8	54.8	54.8	54.8
	4500	51.9	54.7	57.8	59.4	59.4	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	Pn • 1
GF	40301	56.6	59.8	62.9	64.6	64.6	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE	35001	61.5	64.7	68.7	70.4	70.4	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
6 E	3000 l	69.6	73.3	78.1	80.1	86.1	80.8	81.0	81.1	M1.1	81.1	81.1	81.1	81.1	81.1	81.1
GF.	25001	71.7	75.7	80.5	82.7	82.7	83.3	83.5	83.8	83.8	83.8	83.8	83.5	A3.8	83.8	83.6
GE	Sonul	74.9	79.6	A5.3	87.7	87.8	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
G E	16201	75.8	80.4	86.3	89.1	89.2	90.5	70.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	14001	78.1	82.9	89.4	92.8	92.9	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
ų E	12001	79.1	84.0	91.3	94.8	94.9	96.5	96.8	97.0	97.U	97.0	97.0	97.0	97.0	97.0	97.0
6 E	10001	79.2	84.1	91.5	95.6	95.7	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.6
υE	9001	19.2	84.1	91.5	95.6	95.7	97.4	97.7	98.0	98 . D	98.0	98.0	96.0	98.0	98.0	98.0
GE	800	79.5	84.4	91.8	95.9	96.0	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.8	98.9	98.9
G€	7001	79.5	84.4	91.8	95.9	96.0	97.8	98.4	98.6	98.7	95.7	98.7	98.7	98.9	40.0	99.0
υE	6301	79.5	84.4	91.8	96.0	96.2	98.1	98.6	98.8	99.1	99.1	99.1	99.1	99.4	49.5	99.5
GΕ	5001	79.5	84.4	91.8	96.0	96.2	99.1	98.6	99.8	99.2	99.2	99.2	99.2	97.5	99.6	99.6
G E	100	79.5	84.4	91.4	96.0	96.2	98.1	98.6	98.8	77.4	99.4	99.4	99.4	99.7	99.8	99.8
G E	1001	79.5	84.4	91.8	96.0	96.2	99.1	78.6	98.8	79.4	99.4	99.4	99.5	99.8	49.9	99.9
ú٤	2071	79.5	84.4	91.8	96.0	96.2	98.1	78.6	98.8	99.4	99.4	99.4	99.5	99.8	99.9	99.9
G E	1001	79.5	84.4	91.8	96.0	96.2	98.1	98.6	98.8	99.4	99.4	99.4	99.5	99.9	100.0	100.0
GE	01	79.5	84.4	91.8	96.0	96.2	98.1	98.6	98.8	99.4	99.4	99.4	99.5	99.9	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

								GERMANY				HONTH		HOURS	(LST):	2100-2	
		• • • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •		ISIBILI					• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •
	LINS	1 61	GE	GE	GF	GE	6E	GE	GE	GE	5 UF MŁ GE	GE	GΕ	GE	GE	GE	6 E
		1 160	911	80	60	48	40	32	24	20	16	12	10	8	5	4	O.L
_			_	_			_		_						_		-
•	••••			•••••			• • • • • • • •				• • • • • • • • • • • • • • • • • • • •	•••••	•••••		• • • • • • •		
o	CEIL	l .	32.0	34.2	36.0	36.8	36.8	37.6	37.8	38.0	38.4	38.4	38.4	38.5	38.5	38.5	38.5
		•															
F	20000	l	36.5	38.6	40.9	41.8	42.2	43.3	43.5	43.7	44.1	44.1	44.1	44.2	44.2	44.3	44.3
	18000	1	36.5	38.6	41.1	42.0	42.4	43.5	43.8	43.9	44.3	44.3	44.3	44.4	44.4	44.5	44.5
	16000	2	36.5	38.6	41.1	42.0	42.4	43.5	43.8	43.9	44.3	44.3	44.3	44.4	44.4	44.5	44.5
	14000	•	36.6	36.7	41.2	42.2	42.5	43.7	43.9	44.0	44.4	44.4	44.4	44.5	44.5	44.6	44.6
Ł	12000	1	37.0	39.1	41.6	42.6	42.9	44.1	44.3	44.6	45.1	45.1	45.1	45.2	45.2	45.3	45.3
	10000		39.4	41.5	44.0	44.9	45.3	46.5	46.7	47.0	47.4	47.4	47.4	47.5	47.5	47.6	47.6
	9000		40.4	42.6	45.1	46.0	46.3	47.5	47.7	18.1	48.5	48.5	48.5	48.6	48.6	49.7	48.7
	8030	7	43.7	45.8	48.5	49.7	50.1	51.3	51.5	51.0	52.3	57.3	52.3	52.4	52.4	52.5	52.5
-	7000	*	44.1	46.2	48.9	50.2	50.6	51.8	52.0	52.4	52.8	52.8	52.8	52.9	52.9	53.0	53.4
Ē	6000	•	44.3	46.5	49.1	50.4	50.9	52.0	52.3	52.6	53.0	53.0	53.0	53.1	53.1	53.2	53.2
								-									
£	+		46.5	48.6	51.6	52.9	53.3	54.5	54.7	55.1	55.5	55.5	55.5	55.6	55.6	55.7	55.7
	4530	7	50.8	53.4	57.8	59.5	59.9	61.1	61.3	61.7	62.2	62.2	45.5	62.3	45.3	62.4	62.4
	4000	1	54.0	56.7	61.1	62.7	63.1	64.9	65.2	65.6	66.0	66.0	66.0	66.1	66.1	66.2	66.2
E	3500	1	59.8	62.5	67.3	68.9	69.4	71.2	71.4	71.8	72.3	72.3	72.3	72.4	72.4	72.5	72.5
ť	3000	ı	64.7	67.6	73.2	75.1	75.5	77.3	77.6	78.1	78.5	78.5	78.5	78.6	78.6	78.7	78.7
E	2510	1	67.2	70.2	76.9	79.0	79.5	81.3	81.6	82.4	P2.8	87.8	82.B	82.9	82.9	a3.0	63.3
Ē	2000		70.1	73.4	81.0	83.2	93.7	86.0	86.3	87.1	07.5	87.5	87.5	87.6	67.6	87.7	67.1
Ē	1800		70.6	74.1	81.7	84.0	54.5	86.9	87.2	88.0	88.4	88.4	88.4	88.5	P8.5	68.6	88.6
E	1500	1	73.7	77.4	85.7	88.2	86.7	91.2	91.5	92.3	92.7	92.7	92.7	92.0	92.6	92.9	92.4
E	1230	1	75.3	79.0	88.0	90.4	91.0	73.4	94.0	94.7	95.2	95.2	95.2	95.3	95.3	95.4	95.4
					1000												
E	1000		75.8	79.7	88.9	91.8	92.4	94.9	95.5	96.3	96.8	96.8	96.8	96.9	96.9	97.0	97.0
ŧ	900		76 - 1	80.0	09.5	92.5	93.0	95.6	96.2	97.1	97.5	97.5	97.5	97.6	97.6	97.7	97.7
E	700		76.1 76.1	80.U	89.6	92.7	93.2	95.8	96.6	97.5	98.1	95.6	98.7	98.4	78.4	98.5	98.5
E	600	-	76.1	80.0	89.6	92.9	93.2	95.9	96.9	98.0	98.5	94.8	98.9	99.0	99.0	99.1	99.1
	00.	•	,,,,,	30.0	3710	,	73.4	70.1	,,,,	74.2	-001	7700	7007	****	****	,,,,	,,,,
£	500	1	76.1	80.0	89.8	92.9	93.4	96.7	97.2	98.4	98.9	99.0	99.1	99.2	99.2	99.4	99.4
E	400	1	76.1	80.U	89.8	92.9	93.4	96.2	97.3	98.5	99.0	99.1	99.2	99.4	99.4	99.5	99.5
E	360	I	76.1	80.U	89.8	97.9	93.4	96.2	97.3	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7
F	200		76.1	80.0	89.4	92.4	93.4	96.7	97.5	99.5	99.2	99.4	99.6	99.7	99.8	1.0.0	100.0
E	100	i	76.1	80.L	89.B	92.9	73.4	96.2	97.3	98.5	99.2	99.4	99.6	99.7	99.8	160.0	106.0
_						11 _	200		7211			12.0			Yes		
Ε	n	1	76.1	80.0	89.8	92.9	93.4	96.2	97.3	98.5	99.2	99.4	99.6	99.7	99.8	160.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 106149 STATION NAME: RAMSTEIN AB GERMANY MONTH: MAR HOURS(LST): VISIBILITY IN HUNDREUS OF METERS GE 32 GE GE GE GE 10 90 27.3 32.9 35.8 GE 200001 29.1 31.5 34.1 35.0 36.4 36.6 36.9 36.1 34.9 GE 160001 27.5 27.5 29.3 29.3 31.7 35.1 33.4 34.3 34.3 35.2 35.8 35.8 35.9 36.U 36.1 36.3 36.7 36.9 37.2 33.7 CE 120001 28.2 30.1 32.5 35.2 35 . 8 36.8 37.0 37.3 37.6 37.8 34.4 35.1 38.9 6E 100301 29.8 31.4 36.0 36.2 37.1 37.7 38.1 38 . 6 39.0 39.4 19.7 39.9 40.2 30.4 32.5 GE 90001 36.6 36.8 37.8 38.4 30.8 39.5 39.7 40.1 40.4 40.7 41.4 arool 32.4 34.9 39.7 42.6 43.2 43.5 43.8 37.7 39.4 40.7 41.3 41.8 42.6 42.8 35.7 40.2 43.6 70001 38.5 BC.5 41.6 42.3 43.6 43.8 44.2 44.5 45.1 GE 60001 41.9 45.1 43.9 33.5 35.9 38.6 40.5 40.8 42.6 43.1 44.0 44.5 44.9 45.4 50001 46.3 51.2 GE 37.8 42.7 47.2 41.0 44.1 46.2 51.1 46.9 51.8 47.3 52.3 35.2 40.9 4500 55.6 L.E 4 rant 42.1 45.2 49.1 51.3 51.6 53.0 54.0 54.7 55.7 55.9 56.4 56.0 57.1 57.5 59.2 62.4 35001 54.2 62.1 68 46.5 44.9 56.4 58.1 59.8 61.0 61.2 61.6 56.8 30001 70.0 10.8 71.5 77.6 78.9 25001 56.2 73.5 79.7 73.6 75.0 41.3 60.2 65.4 68.9 70.4 90.5 GE 2000i 64.7 74.1 74.6 76.4 78.4 80.0 P1.0 81.6 75.3 02.3 Inoni 61.3 79.7 81.0 61.1 81.4 81.8 .2.6 83.U 65.6 88.3 15001 64.7 80.5 83.0 A7.0 47.9 υſ 12301 67.1 71.9 80.0 83.6 84.2 86.2 P7.6 88.6 90.1 90.2 90.4 90.9 91.4 91.7 92.0 10.401 73.6 73.3 81.6 86.3 86.8 88.4 89.9 92.6 92.7 93.0 93.5 94.2 93.9 64 68.1 91.0 94.3 GF 9401 91.7 95.1 95.4 68.4 86.2 7001 ٦F 68.6 73.6 82.2 46.6 67.4 89.8 91.4 44.3 94.4 94.7 95.2 95.8 94.2 96.5 95.1 GE 87.0 92.1 95.3 95.6 97.0 97.4 66.8 73.8 82.5 87.7 90.3 93.3 96.1 96.7 6001 90.5 5001 91.5 91.8 98.3 GE 68.8 73.8 87.1 90.6 95.6 96.4 97.9 82.6 87.9 92.6 93.6 96.0 96.9 98.3 460 E 73.6 82.6 82.6 87.1 87.9 96.0 96.2 96.6 97.6 98.1 96.5 u€ úf 66.8 90.6 92.7 95.9 92.8 68.8 90.6 94.2 apol 99.1 97.0 υE 1071 68.8 82.6 87.1 90.6 92.8 96.4 96.6 97.8 94.5 99.1 1GU-U C I 87.1 93.6 92.8 96.6 97.0 97.8 99.2 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PENCENTAGE FREWEINCY OF GCCURRENCE OF CFILING VERSUS VISIRILITY FROM HOUPLY OBSERVATIONS

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PERIOD OF MECORD: 74-87 STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY MONTH: APR HOURSILST): 5000-0200 CEILING VISIBILITY IN HUNDREDS OF METERS GL GF GE GE FEET 1 160 32 24 20 60 43 46 16 54 12 10 NO CETE 1 53.9 51.5 53.4 53.8 55.1 58.1 58.2 58.2 58.6 58.7 58.7 GE 200001 53.2 55.2 55.2 57.4 57.4 57.5 57.5 57.6 58.2 58.3 54.2 58.3 58.6 59.7 54.7 58.6 58.7 58.7 59.7 49.2 59.2 59.3 59.4 JE 160301 53.2 57.1 57.5 57.6 58.3 59.1 59.2 59.3 59.4 140001 51.2 55.2 55.2 57.1 57.5 57.6 58.2 58. L 55.3 58.7 58.7 59.1 49.2 59.1 59.4 JE 120301 53.2 100301 55.4 57.4 49.4 50.1 59.4 60.5 60.7 60.7 61.2 61.2 61.5 61.6 63.0 61.8 61.8 grant 64.6 61.1 61.2 62.1 62.1 56.4 GE 80001 58.3 60.7 63.0 43.4 63.5 64.8 64.6 65.4 65.4 65.4 65.7 65.9 66.1 66.2 70001 54.8 61.3 63.5 64.0 64.1 64.7 65.4 66.0 66.0 66.0 66.3 66.4 66.6 66.7 60001 59.0 70.2 75.9 70.5 76.2 SOUP 66.3 74.0 67.0 74.6 69.6 75.3 70.9 67.7 68 63.0 65.5 68.2 70.2 70.6 71.0 10.2 45001 70.9 73.4 73.9 76.4 16.6 79.4 40001 73.0 78.9 79.3 91.3 67.1 υF 76.2 00.1 80.8 80.8 81.3 81.3 ... P1.9 82.2 58 35301 79.4 83.2 82.6 83.3 86.0 64.0 84.6 84.6 85.2 85.2 95.2 45.5 .5.8 86.1 75.9 09.3 91.0 91.0 89.5 91.2 92.0 25001 78.6 88.8 88.8 89.1 89.7 86.5 86.7 88.1 ... 96.0 ... 48.3 89.1 10001 88.2 90.5 90.4 SF 79.8 83.6 87.7 89.4 90.4 .0.4 90.0 91.3 *1.2 *3.1 58.3 93.5 92.2 υE 80.2 84.1 91.2 91.5 94 . 1 15001 90.5 90.7 93.1 93.4 93.7 95. 12001 96.4 95.6 97.1 toons 92.1 92.1 92.7 93.7 96.0 96.1 96.2 92.2 94.7 92.0 86.4 91.4 92.2 94.4 94.7 96.3 95.8 95.0 96.7 6 f 9001 86.9 94.2 96.7 76.9 91.2 5 E .001 92.3 95.2 96.3 100 92.7 96.9 97.7 l. F £301 94 . . 86.9 76 . 1 96 . 3 5001 4001 92.7 94.9 97.4 98.4 99.2 98.7 M2.3 92.0 92.8 97.4 97.4 97.8 96.4 92.3 *8.3 98.9 A2.3 94.8 96.6 97.7 97.7 98.3 3001 92.1 92.8 9. . 4 95.0 97.5 98.4 99.1 49.4 99.1 2004 86.9 92.1 92.8 92.9 95.0 96.8 97.3 98.4 28.4 94.8 99.1 49.4 99.7 99.9 1001 95.0 96. 98.8 ĿΕ 92.6 97.1 98.4 ... 99.9 99.1 99.6 1.00.u

TOTAL NUMBER OF OBSERVATIONS: 849

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

120

					ON NAME:							HONTH		HOURS	ILSTI:		
TILING			• • • • • •		• • • • • • • •	•••••		V15181L1					•••••	• • • • • • •	• • • • • • •	• • • • • •	
IN	- !	61	GE	GE	GE	GE .	GE	SE	GE	GŁ	GŁ	GL	GE	GE	GE	et	ų E
CET		160	96	AC	6 i	4.8	•0	37	24	20	16	12	10	8	5	•	
CETL	. 1		42.7	45.7	49.8	50.2	56.4	51.4	51.1	51.7	52.1	52.8	52.8	53.1	< 3 · 2	53.3	53.4
2000	ומנ		45.6	45.7	52.0	53.2	53.6	54.8	55.1	55.1	56.2	56.3	56.3	56.7	57.3	57.1	57.4
1603	וחנ		45.6	48.7	52.0	53.2	53.6	54.A	55.1	55.1	56.2	54.3	56.3	56.7	57.0	57.1	57.4
1600	100		45.6	48.1	52.8	53.2	53.6	54.8	55.1	55.1	56.2	56.3	56.3	56.7	57.0	57.1	57.4
146.	ורנ		45.8	48.9	53.0	53.4	53.4	55.7	55.5	55.3	56.4	54.6	56.6	56.9	57.2	57.5	57.7
150	101		45.8	48.9	53.6	53.4	53.6	55.0	55.3	55.3	56.6	54.7	56.7	57.0	e 7 . 3	57.4	57.8
1000	201		47.3	50.4	54.6	55.0	55.3	56.6	56.9	56.9	50.1	54.2	58.2	58.6	50.9	59.0	59.3
904	ו מנ		47.7	51.0	55.1	55.6	55.9	57.1	57.4	57.4	58.7	54.8	59.8	59.1	.9.4	59.6	59.9
8C J	101		49.3	53.6	57.6	50.J	50.3	59.6	63.2	60.2	51.6	61.7	61.6	62.1	42.6	67.7	63.4
100	100		47.7	53.3	57.9	58.3	50.7	59.9	63.6	61.6	61.9	67.0	62.1	62.4	65.4	67.1	63.4
600	וכנ		49.9	53.6	50.2	58.7	55.0	60.2	60.9	60.9	62.2	67. 1	62.4	62.9	63.3	61.4	63.0
500	101		52.4	56.1	61.1	61.6	61.9	63.2	63.9	63.7	65.2	65.3	65.4	65.8	66.3	66.4	66.6
45	ini.		56.0	64.1	55.0	5.00	66.6	67.9	68.6	64.7	70.0	77.1	70.2	70.6	71.1	71.2	71.0
453	101		59.8	64.1	69.9	70.3	70.7	72.1	72.8	72.9	74.5	74.4	74.7	75.3	75.0	15.1	70.0
350	101		63.6	67.9	74.9	75.3	75.7	77.1	77.6	77.9	79.4	79.6	79.8	87.1	.0.7	8.76	61.1
300	101		66.3	73.0	.0.3	80.8	81.1	82.6	03.2	03.3	P4.9	85.0	85.2	85.6	96.1	84.2	86.6
250	11		59.7	74.3	01.9	82.4	82.8	64.2	84.9	05.0	86.6	86.7	86.7	67.2		47.9	68.2
200	100		71.0	75.7	93.7	84.2	84.6	86.7	86.7	86.8	98.4	6		49.1	89.7		90.1
100	100		71.3	76.0	84.1	84.7	05.0	86.9	87.1	67.2	88.9	89.0	89.2	87.6	.0.1	90.2	94.6
1 . 0	171		72.7	11.1	86.3	07.3	97.3	88.5	87.4	49.6	91.2	91.3	91.6	91.9	92.4	92.6	92.9
125	01		73.1	78.2	97.6	89.3	98.7	90.1	90.8	91.1	92.6	92.9	93.1	95.4	•••	94.1	94.4
103	101		74.6	79.1	40.0	89.7	.0.0	91.4	92.1	92.4	94.1	**.3	94.6	**.*	95.4	95.6	45.9
90	n i		74.2	77.3	89.0	89.9	90.2	91.7	92.3	92.8	94.6	94.9	95.6	95.3	96.1	\$6.2	90.6
60	101		7400	77.3	49.0		96.2	91.7	92.3	92.6	94.6	99.5	₹5.U	95.3	96.1	96.2	96 . 6
7.3	101		74.2	79.3	89.1	91.3	90.3	91.9	92.9	93.3	95.1	95.4	95.7	96.7	76.8	96.9	97.3
€ 3	ורנ		14.2	79. 1	89.1	90.3	90.3	92.1	93.1	93.6	45.€	95.9	96.1	96.4	•1.2	97.3	97.6
	171		74.2	79.3	99.1	90.0	90.3	92.6	93.9	94.3	96.3	96.7	34.9	97.2	94.0	98.1	98.6
40	, n i		74.2	79.3	69.2	90.1	70.4	92.9	94.2	94.7	96.7	97.7	97.5	97.7	94.7	98.8	99.2
20	.01		74.2	79.3	89	93.1	90.4	92.7		94.9	97.4	97.3	97.7	98.7	44.7	99.1	99.9
2 J	in [74.0	79.5	89.4	97.1	90.4	92.0	94.4		97.6	97.4	97.8	93.1	99.1	99.2	110.0
	in i		74.2	79.3	44.2	97.1	90.4	92.9	94.4	94.9	97.0	97.4	97.8	98.1	99.1	49.2	100.0

FERCENTAGE FREQUENCY OF OCCUMPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBE	R: 106143	STATE	ON NAME	: RAMS	ILIF AB	GERMAN	Y			-		ORD: 74			
											2 APH	-	(LST):		
FILING		• • • • • •	• • • • • • •	• • • • • • •				HUNDRED			• • • • • • •	• • • • • •	•••••	• • • • • •	•••••
ia I ut	GE	GE	GE	56	CF	GE	GF	GE	GE	GŁ	GŁ	GE	ŝĘ	GE	GΕ
FEET 16		86	50	48	40	32	24	20	16	12	10		5		- u
	_														
NO CETE 1	27.9	51.v	35.0	34.7	36.9	40.1	40.6	43.8	41.0	42.2	42.3	42.3	42.1	42.9	43.1
100001	30.9	34.6	39.2	42.3	44.6	43.0	44.2	44.4	45.7	46.1	46.2	46.2	46.9	47.1	47.3
£ 180071	31.0	34.1	39.3	42.4	42.7	43.9	44.3	44.6	45.8	46. 7	46.4	46.4	47.1	47.3	47.6
[10000]	31.1	34.2	59.4	42.6	42.8	94.0	44.4	44.7	45.9	46.4	46.6	46.6	47.2	47.4	47.7
[140001 3	11.1	34.2	39.4	42.6	42.8	44.0		44.7	45.9	46.4	46.6	46.6	47.2	47.4	47.7
1.0001	31.6	54.7	39.4	43.3	43.2	47.4	44.9	45.1	46 . 3	46.9	47.0	47.0	47.7	47.9	46.1
(33.7		42.0	45.3	45.6	46.9	47.4	47.7	40.9	49.4	49.6	49.6	50.2		50.7
£ 100001 F 90001	33.9	36.E 37.0	42.2	45.6	45.6	47.7	47.8	49.0	49.2	9.4	49.9	44.9	50.6	50.4	51.0
r 6(07)	36.0	37.6	45.0	44.4	46.0	50.2	50.9	51.1	52.6	53.2	53.6	53.6	*4.3	54.7	54.9
f 70001	36.3	39.4	45.4	49.7	49.2	50.A	51.4	51.7	53.1	53.9	54.1	54.1	54.9	55.2	55.4
E 60001	36.6	40.2	96.0	49.4	49.8	51.9	52.1	52.3	53.0	54.4	54.6	54.8	55.6	55.9	56.1
. 00.307	,	40.0	40.0	47.4	47.6	,,,,	,	,,,	77.0	3444	,4.0	, , , , ,	,,,,,	,,,,	,
E 50001	39.7	43.7	49.6	53.2	53.6	55.2	56.3	56.7	58.6	59.2	59.6	59.6	60.3	60.7	60.7
€ #enu!	42.1	46.4	52.9	56.7	57.0	55.9	60.1	67.4	62.4	61.1	63.4	63.4	64.3	64.7	64.9
[4000]	45.9	50.6	57.4	61.6	61.9	63.5	65.U	65.3	67.8	64.4	64.4	69.9	49.7	17.1	70.3
5 35071	47.8	52.0	59.7	63.9	64.2	66.3	67.7	68.0	70.	71.1	71.4	71.4	72.3	12.6	73.0
e sconf	56.9	50.2	66.1	70.6	70.9	73.2	74.6	14.9	77.6	78.2	78.6	78.6	79.4	79.9	80.1
[2"40]	55.1	60.6	58.4	71.5	73.7	76.1	77.4	77.0	AD. 4	41.1	61.4	41.4	A2.3	42.4	03.0
E 20001	57.4	63.4	71.7	76.5	77.1	79.7	41.0	81.3	84.0	84.7	85.0	85.1	86.3		86.7
f 18401	58.4	64.3	72.6	77.9	76.2	87.8	92.1	02.4	85.1	85.9	06.1	86.2	#7.1	67.6	.7.0
1 1,701	59.8	66.3	75.1	.0.4	80.9	#3.7	95.3	85.3	0.09	49.7	89.0	89.1	94.0	90.4	96.7
10051 3	60.4	67.0	76	01.7	87.1	85.1	86.4	46.8	99.6	911.2	90.6	90.7	71.6	92.0	9
f inont	60.6	67.3	77.0	62.7	83.1	86.1	87.6	87.9	90.9	91.6	91.9	92.7	92.9	91.3	93.6
E 9401	60.6	67.6	77.4	83.3	83.4	86.4	87.9	88.3	91.6	92.2	92.6	92.7	93.6	99.1	94.3
f funt	63.9	67.9	78.0	83.8		87.7	89.1	89.7	92.9	93.7	94.0	94.1	95.0	45.6	95.8
f 1001	60.9	67.9	70.2	84.1	84.6	00.7	89.7	90.2	91.7	74.4	94.8	94.9	45.8	46.3	96.6
((30)	60.9	67.4	78.3	84.2	94.7	48.1	89.8	93.3	73.8	94.6	95.0	95.1		36.6	96.8
r runi	40.9	67.9	78.3	44.2	44.7		90.1	97.7	74.1	95.0	25.4	95.7	76.6	97.1	\$7.6
E 4001	50.9	67.9	78.3	84.2	94.7	48.4	90.1	90.8	***	95.3	95.9	96.1	97.0	97.6	78.0
E 3001	63.9	67.9	78.5	84.2	84.7	48.6	90.2	13.1	94.6	95.7	96.2	96.7	97.6	99.1	96.9
1005	60.4	67.9	79.3	84.2	84.7	. 9 . 6	90.2	93.7	90.6	95.7	96.2	96.7	97.6	98.3	99.4
1001	60.9	67.9	70.3	84.2	84.7	48.6	90.2	90.9	94.6	95.7	96.2	96.8	97.7	98.0	100.0
. 71	60.9	67.9	70.3	84.2	54.7	88.6	90.2	40.9	94.8	95.7	94 3	76.8	97.7		100.0
	00.7)	400	2401	80 9 17	70.6	7U . 7	-404	7301	70.6	7007	7101	10.00	,

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

2.

STATICY NUMBER: 106140 STATION NAME: PANSILIN AB GERMANY PERIOD OF RECORD: 74-83 MONTH: APR HOURS (EST): 0900-1100 CFILING VISIBILITY IN HUNDREDS OF METERS IN | GT FLET | 163 90 UE 24 CE GE GE 32 20 4 40 f. J 48 40 16 12 10 • 5 ************************************ NO CEIL I 33.7 36.3 37.1 38.1 38.4 39.4 38.4 34.6 6E 200001 10.7 32.7 19.2 41.9 47.1 43.1 44.0 44.7 44.7 44.7 44.5 44.8 44.4 45.0 tochet 30 30.7 32.7 39.2 41.7 42.1 43.1 44.7 44.7 44.7 44.5 44.6 44.8 45.0 S 160471 39.2 43.1 44.0 44.5 44.8 30.7 32.7 41.9 47.1 44.0 44.7 44.7 44.8 45.2 66 140301 31 . C 19.6 42.2 44.3 45.0 .5.0 45.1 45.1 45.1 45.0 33. U 42.4 45.0 45.7 GE 1Unani 12.4 43.9 45.1 46.1 46.1 46.9 46.7 47.0 97.0 47.0 47.4 34.6 .1.1 44.1 46.9 34.9 44.4 47.2 47.7 47.3 47.3 47.3 90'001 32.6 41.4 44.2 45.4 46.4 46.4 47.6 anuni 35.0 \$7.4 45.0 46.0 49.0 50.2 50.2 51.7 51.7 51.7 51.8 41.6 51.8 52.2 70001 36.1 36 . 7 46.4 49.2 49.4 50.4 51.7 51.7 53.1 53.1 53.1 53.2 53.2 53.7 60001 36.7 50.1 51.1 52.1 53.9 53.4 53.9 54.3 50001 45001 to F 19.0 42.0 50.4 51.6 53.0 54.6 56.1 56.1 47.A 57.6 57.6 57.7 57.7 57.7 58.1 56.2 52.0 56.4 57.6 67.6 60.6 67.7 41.0 60.6 67.7 40.7 σŧ 44.3 61.1 40301 43.6 47.0 56.0 59.7 61.0 62.4 64.2 64.2 64.3 44.4 64.6 65.4 62.4 64.2 59.9 68.7 60.3 35.301 47.4 50.9 41.1 63.6 ... 66.4 66.4 68.1 68.3 68.4 68.6 49.1 76.6 74.3 51 3Cupl 53.7 57.6 67.4 71.0 71.2 72.7 74.1 76.4 74.4 76.4 76.7 76 . 8 77.4 56.1 74.2 15.9 ωf 25 401 60.2 70.3 74.4 77.6 71.1 79.8 79.8 77.8 79.9 9G . O 40.1 ... 70.0 84.2 nuni 62.0 84.2 84.2 84.3 73.7 63.2 82.1 u f 84.6 85 .. 18031 59.8 61.2 12.7 45.1 85.2 .5.5 67.1 74.6 .3.0 45.1 45.1 66.1 78.4 15301 62.3 67. 1 A 1.7 ... 45.4 ... 87.4 89.6 ... 87.6 RS.A ... 90.6 87.9 92.1 92.3 . (12001 63.0 65.4 60.2 85.8 96 . D 88.0 ... 92.1 92.1 92.4 92.6 93.4 02.0 92.4 6.5 10301 A3.6 69.3 87.9 88.1 90.6 92.1 95 . C 94.0 95.0 95.2 95.3 95.4 96.1 96.4 97.2 2621 53.1 69.6 82.6 85.4 90.7 93.3 96.1 96.1 96.3 96.6 61 91.1 -301 42.Y 93.6 96.6 97.0 97.1 97.2 50 63.7 69.9 85.8 89.6 91.6 95.9 96.8 96.8 97.9 A9.1 76.6 7301 45.7 69.9 89.9 91.8 93.9 97.4 97.4 97.4 97.77.9 97.4 CE 6301 63.7 69.4 42.4 88.9 89.1 91.4 93.9 94.2 97.4 97.4 97.7 97.0 47.9 90.0 4371 63.7 69. 1 A9.9 89.1 94.0 97.6 97.6 97.6 98.1 98.3 98.4 63.7 82.9 82.9 48.9 99.1 90.0 98.0 96.6 *8.9 98.9 99.6 .1 9401 69.4 91.9 94.3 97.9 1001 69.9 89.7 94.7 49.1 91.9 94.0 94.3 78.4 78.1 99.0 ... 100.0 4. 69.9 ... 91.9 98.1 98.2 98.8 49.1 t.f 1001 63.7 69.9 82.4 ... 84.1 41.9 94.0 94.3 98.0 94.1 98.2 75.0 99. J 59.1 166.0 94.0 28.4 176.0

TOTAL NUMBER OF OBSERVATIONS:

i

1

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIPILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 106140 S	TATION NAME:	RAMSTEIN AB GERMANY	PERIOD U	F RECOPD: 74-83
			MONTH:	APR HOURS(LST): 1260-1460
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	LING	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •					S OF ME		• • • • • • •	• • • • • •	•••••	•••••	
1	v 1	31	GE	ĞL	LE	GE	uE	GE	GE	GE	GE	GE	7.8	GE	GE	G€	GE
F£	ET I	160	9.7	86	6 0	4.8	40	3.2	74	?)	16	12		A	5	4	u u
• • •	• • • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	* • • • • •	•••••	• • • • • • •	•••••
N 0	CEIL 1		30.6	31.1	32.9	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
			40.7.54						_								
	100001		36.8	37.6	39.7	40.4	40.4	40.4	48.4	40.4	40.4	47.4	40.4	40.4	43.4	40.4	46.4
	190001		36.7	37.7	39.7	40.4	46.4	47.4	40.4	43.4	40.4	47.6	10.6		40.4	40.4	40.4
	140001		37.0	37.8	40.0	40.6 40.8	*D.6	40.6	40.6	40.6	40.6	40.8	40.8	*0.6	*0.6	47.6	40.0
	12000		37.0	30.6	40.5	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	91.7	41.7	41.7
U	120001		37.0	37.0	40.0	41.0	41.0	41.0	41.7	-11.7	41	41.1	*11.7	4107	41.7	41.1	44.7
υE	100001		39.0	39.8	42.0	42.8	42.8	42.8	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1
	90001		39.2	40.1	42.3	43.1	43.1	43.1	43.2	43.2	43.4	41.4	43.4	43.4	43.4	43.4	43.4
G F	90001		40.6	41.4	43.8	44.6	44.6	44.6	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9
	70371		42.3	43.L	45.4	46.2	46.5	46.2	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	40.6
G E	PL7U		45.4	43.6	46.0	46.8	46.8	46.8	46.9	46.9	47.1	97.1	47.1	47.1	47.1	47.1	47.1
	50001		45.6	46.7	49.2	50.0	56.0	57.0	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
	45001		48.2	47.3	51.9	52.7	52.8	53.0	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3
	4E301		52.4	53.7	56.8	57.7	57.8	50.1	50.2	58.2	58.4	59.4	58.4	50.4	58.4	58.4	58.4
	35301		59.2	60.7	64.0	64.9	65.0	65.3	65.4	65.4	65.7	65.7	65.7	65.7	45.7	65.7	65.7
U.F	spani		71.2	73.4	77.1	78.1	78.2	78.6	78.7	70.7	78.9	79.9	78.9	74.9	78.9	79.9	76.9
							-										
δE	25301		74.3	76.6		61.4	81.6	81.9	0.50	02.0	A2.2	92.2	62.2	42.2	82.2	62.2	
~ f	20001		74.6	81.1	85.6	86.8	66.9	67.2	87.3	87.3	97.6	87.6	87.6	87.6	47.6	87.6	87.6
	Tenul		79.8	82.3	86.8	0.00	81.1	88.4	88.6	64.6		48.5			Ro. S		
	15001		83.4	86.6	91.7	93.0	73.1	93.4	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
L C	1500			87.7	93.0	94.7	94.8	95.1	95.2	95.2	45.8	95.4	95.8	95.4	95.8	¥5.8	95.6
ь£	10701		45.0	46.7	94.3	96.3	96.4	97.1	97.4	97.7	90.3	98.3	90.3	98.3	94.3	98.3	96.3
10	9.01		.5.0	88.9	94.4	96.9	97.0	97.7	0	98.6	99.7	99.2	99.2	99.2	29.2	99.2	97
JE	eun!		85.4	89.4	94	96.7	97.0	97.8	90.1	98.7	99.6	99.6	99.6	99.6	97.6	49.6	99.6
, ŧ	7371		85.3	88.9	94.9	96.9	97.6	97.9	90.2	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7
υE	6 701		45.0	65.9	94.9	96.7	97.0	97.9	90.2	94.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	sun i		45.G				97.G	97.4	98.2	94.9	99.9	90.9	30.0	••	99.9	49.9	99.4
u.E ⊕F	100		85.0	48.9	94.4	96.7							79.9	99.3		-	106.0
0 t	300		A5.0	88.4	94.9	96.7	97.0 97.0	97.8 97.8	98.2	98.9	100.0	100.0		100.0	100.0	100.0	100.0
G.E	2001		45.U	88.9	94.9	96.7	97.D	47.A	48.2	96.9	100.0		100.0	100.0		100.0	166.0
uf.	1301		P5.0	48.9	94.9	96.9	97.6	97.4	98.2	98.9	100.0		100.0			100.0	
					.,,,,	,,,,,	,	****		, , ,	.00.0				2		
u€	n		85.U	89.9	94.4	96.9	97.0	97.4	98.2	98.9	170.0	107.0	100.0	100.0	100.3	1.0.0	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

AIR WEATHER SERVICE/MAC STATION NUMBER: 106140 STATION NAME: PAMSTEIN AS GERMANY PEPIOD OF PECORD: 74-83 MONTH: APR HOURSILSTI: 1509-1700 CFILING VISIBILITY IN HUNDREDS OF HETERS IN | GT FEET | 160 G! υŧ S€ GE u.E GE SE GE 90 40 32 50 16 12 13 80 64 NO CETE 1 32.0 32.0 32.6 32.0 32.0 12.6 37.0 32.0 32.0 12.0 32.0 31.4 PE SOBOU! 19.2 39.4 9 D . 1 90.1 Stra 1 40.1 43.1 40.1 40.1 40.1 40.1 40.1 44.1 40.1 39.7 39.9 40.6 47.6 4C.6 40.6 40.6 40.6 4n.6 49.6 43.6 40.6 40.6 46.6 40.6 of recoul 39.9 40.1 40.6 40.3 4C.8 40.5 40.8 40.8 40.8 40.8 47.8 40.8 40.8 40.8 40.6 .1.0 41.7 41.0 41.0 56 140001 40.1 40.3 41.0 41.0 41.0 41.0 41.C .1.0 41.6 41.0 of 120JUI 40.1 e 4. 3 41.0 ... 41.0 41.0 41.0 41.0 41.0 41.0 41.0 41.0 41.6 43.1 43.6 43.8 45.9 41.8 44.1 44.1 100,001 42.9 43.8 44.1 44.1 43.6 44.7 45.0 45.0 45.0 45.0 45.4 47.7 6 F 60001 40.6 46.6 47.5 47.3 47.3 47.4 47.4 47.7 47.7 47.7 47.7 47.7 41.7 47.1 10101 47.0 47.7 48.4 ... 48.4 48.6 48 . 6 46.8 48.f 48.4 48.6 48.8 48.4 44.8 ... 60301 49.3 49.3 48.2 .2.0 SCUPL 50.2 50.9 51.7 51.7 51.7 51.8 51.0 52.0 52.0 52.0 52.0 52.0 52.0 52.4 55.7 55.7 55.7 55.0 υE 45371 54.1 54.9 56.0 56.0 56.0 56.0 50.7 50.3 56.0 50.0 63.3 10000 60.9 62.1 63.0 63.0 63.0 65.1 63.1 63.5 63.3 61.3 63.3 43.3 63.3 63.3 35.30 I 73.9 71.4 71.9 71.9 12.0 72.2 12.2 72.2 64.7 72.0 12.2 12.2 72.2 72.2 72.2 25001 97.7 87.9 87.9 R8.6 91.6 91.6 P8.6 66.2 48.0 88.3 86.2 88.6 88.6 68.6 20001 88.9 ... 90.1 90.7 ... 90.9 91.6 91.6 91.6 41.6 91.0 91.2 ♥6.8 ♥5.3 91.1 95.7 97.0 92.0 97.0 97.0 97.0 94.0 31 18001 A7.6 89.2 91.1 91.2 91.3 91.7 92.0 92.0 42.0 15301 93.1 95.7 47.0 90.8 97.0 96.1 97.0 96.2 96.6 (· f ICJ91 97.4 96.9 98.2 99.2 99.2 99.2 49.2 91.0 98.4 98.8 99.2 49.2 99 .. 900 91.6 94.4 97.6 91.6 99.1 98.6 99.0 99.4 90.4 99.4 99.4 ... 96.9 56 Puni 91.6 94.4 97.6 97.7 98.4 96.7 99.1 99.6 99.6 99.6 99.6 99.6 99.6 99.6 11.6 94.4 97.6 77.8 90.6 98.8 99.7 99.7 29.7 99.7 99.7 99.7 94.2 99.1 1001 91.8 94.4 96.4 97.6 97.6 99.7 99.1 100.0 100.0 100.0 97.6 120.0 100.0 1.0.0 160.00 υŧ 4371 97.8 99.1 100.0 100.0 160.0 100.0 100.0 . 1 3001 41.6 94.4 96.4 97.6 97.8 99.7 99.1 99.6 100.0 100.0 100.0 100.0 100.0 1.2.0 100.0 167.0 ų f 1005 91.8 74.4 96. 7 97.6 97.8 99.7 99.1 99.6 100.0 100.0 100.0 100.0 100.3 100.0 1301 100.0 100.0 100.0 100.0 94.7 99.1 99.6 100.0 100.0 100.0 100.0 100.0 100.0

FERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

The same of the sa

				31414	ON NAME:		1014 40	.,				MONTH		ORD: 74		1400-20	30
	146	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •				UNURED			• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••
IN		31	űĹ	GE	GF	GŁ	LE	GE	G E	GE	GE	GE	GE	GE	GE	GE	હદ
E E		160	90	66	47	ų p	46	37	24	20	16	12	10		5	٠	J.
		-					_			_	-				-		-
CŁ	LIL I		37.4	37.7	36 . u	3A.J	36.0	38.7	38.3	36.3	18.3	34.3	38.3	34.3	78.3	38.3	36.3
ا ۽	10701		46.7	47.0	47.7	47.7	47.7	47.3	45.0	48.0	48.3	40.3	48.3	48.3	48.3	48.3	48.3
16	ircne		47.7	48.0	48.7	49.7	46.7	45.9	49.3	49.0	49.3	49.3	49.5	49.3	49.3	49.5	49.5
10	1000		47.7	48.0	46.7	48.7	48.7	48.9	49.0	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3
1 4	1000		47.9	48.4	48.9	44.9	48.9	49.1	49.2	49.2	49.6	49.6	49.6	49.6	49.6	49.6	44.6
1 2	10001		48.2	48.6	49.2	49.2	49.2	49.4	49.6	47.6	49.9	49.9	49.9	49.7	49.9	47.9	49.4
10	acunt		51.9	52.2	52.9	52.9	52.9	53.3	53.6	53.6	53.4	53.9	53.9	53.9	53.9	51.9	53.9
٩	10676		53.2	53.6	54.2	54.2	54.2	54.7	54.9	54.9	55 . 2	55.2	55.2	55.2	55.2	55.2	55.2
8	BLJCI		57.6	57.4	58.2	58.2	58.2	54.7	58.9	58.9	59.2	59.2	59.2	59.2	54.2	59.2	59.2
1	10401		58.9	59.8	60.7	60.7	60.7	61.1	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7
ŧ	1003		59.6	60.4	61.3	61.3	61.3	61.8	65.0	62.0	62.3	62.3	67.5	62.3	62.3	67.3	62.3
•	scool		62.1	63.0	63.9	63.9	63.9	64.3	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9
4	45371		66.2	67	60.1	68.1	66.1	68.6	68.8	68.8	69.1	69.1	69.1	69.1	69.1	40.1	64.1
	1000		12.2	13.€	75.0	75.0	75.6	75.4	75.7	15.7	76.0	76.0	16.0	76.0	76 . J	76.0	76.
1	35001		16.6	78.4	80.6	80.1	*U . 1	80.6	90.0	• O • •	M1.1	41.1	91.1	61.1	*1 . 1	01.1	t1.1
	1001		83.9	86.0	87.6	87.7	A7.7	88.1	PB. 5	88.3	88.7	88.7	88.7	88.7	48.7	68.7	86.7
_	2fun]		46.0	88.1	90.0	90.2	90.2	90.7	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
-	5000		86.4	90.6	92.4	92.7	97	93.1	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
	i e on i		A# . 2	90.9	93.1	93.3	93.3	93.8	94.0	94.0	94.3	94. *	90.3	94.3	94.3	94.3	94.5
	1.00		00.0	93.4	95.7	96.2	96.3	91.0	97.2	97.2	97.6	97.6	97.6	97.6	97.6	77.6	97.6
1	17501		90.6	94.1	96.6	97.1	97.2	98.D	98.2	98.2	98.6	99.6	98.6	98.6	98.6	48.6	96.6
ı	Icoul		90.8	94.7	97.0	97.4	98.0	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	49.3	99.3
	4001		40.9	94.7	97.4	97.5	98.0	99.8	99.13	99.0	99.3	99.3	99.3	99.3	94.7	40.3	99.3
	Eaut		40.9	94.7	97.4	97.8	30.2	99.0	99.2	99.2	99.6	99.6	99.6	99.6	9.6	79.6	99.6
	7001		90.9	14.6	97.6	97.9	96.3	44.1	99.3	99.3	39.7	99.7	99.7	99.7	99.7	49.7	99.7
	6001		93.9	94.6	97.6	97.9	96.3	99.1	99.5	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	"unl		90.9	94.8	97.6	97.9	96.3	99.1	99.5	99.4	99.9	99.9	99.9	100.0	170.0	140.0	100.6
	4001		90.9	94.8	97.6	97.7	96.3	99.1	99.3	49.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	307		90.9	94.8	97.6	97.9	96.3	99.1	99.3	99.4	99.9	99.9	99,9	100.0	100.0	100.0	101.0
	1001		93.9	94.6	97.6	97.9	98.3	99.1	99.3	99.4	99.9	99.9	99.9	100.0	100.0	1.0.0	100.0
	1001		90.9	94.6	97.6	97.9	96.3	99.1	99.3	99.4	99.9	90.9	99.9	100.0	100.0	10.0	1.0.0
	n I		90.9	74.8	97.6	97.9	98.3	99.1	99.3	99.4	99.9	99.9	99.9	100.0	100.3	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

514	MOLITA	NUMBER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMANY				PERIOD MONTH	OF PEC			2100-2.	300
	LING	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • •		VISIBILI					• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
	i N	I GT	6E	GE	GF	GE	υE	GE	GE	GE	. GE	GE	GE	GE	GE	GΕ	GE
		160	90	86	6 u	48	40	37	24	20	16	12	10	8	5		J
-				-										-	-	-	-
NO	CETL	I	49.3	50.4	51.4	51.8	51.8	51.9	52.1	52.1	52.1	52.1	57.1	52.2	*2.2	52.2	52.2
GE	20000	1	55.9	57.0	56.2	54.8	58.8	59.0	59.3	59.3	59.6	59.8	59.8	59.9	64.0	60.0	60.0
	1:10.0		56.0	57.1	58.3	58.9	50.9	59.1	59.4	54.4	59.9	59.9	59.9	60.0	60.1	60.1	64.1
⊌ €	16000	1	56.4	57.1	56.3	58.9	56.9	59.1	59.4	59.4	59.9	59.9	59.9	60.0	40.1	60.1	66.1
GΕ	14000	1	56.1	51.2	58.4	59.3	59.0	59.2	59.6	59.6	60.0	60.0	60.0	60.1	13.2	60.2	10.2
υf	15000	1	56.3	57.4	58.7	59.2	59.2	59.4	59.8	57.8	60.2	67.2	60.2	60.3	60.4	60.4	60.4
6.E	10000	1	58.2	59.3	60.9	61.4	61.4	61.7	62.3	62.3	62.6	62.6	62.8	62.9	43.0	63.0	63.0
UF	9000	-	59.1	60.3	61.7	62.4	62.4	62.7	63.3	63.3	63.8	63.4	63.8	63.9	64.0	64.0	64.6
6 E	6000	İ	62.4	63.7	65.4	66.0	66.0	66.2	66.9	66.9	67.3	67.3	67.3	67.4	67.6	67.6	67.6
50	1000	i	63.4	65.0	66.8	67.3	67.3	67.6	68.2	68.2	68.7	68.7	68.7	68.8	68.9	68.9	68.9
G E	6000	ı	63.8	65.3	67.1	67.7	67.7	67.9	68.6	68.6	69.0	69.0	69.0	69.1	69.2	69.2	69.2
5 E	5000	1	67.1	68.7	70.4	71.0	71.0	71.2	71.9	71.9	72.3	72.3	72.3	72.4	72.6	72.6	12.6
6 E	4130	i	72.1	73.9	75.7	76.2	76.2	76.4	77.1	77.1	77.6	77.6	77.6	17.7	77.8	77.8	77.6
GE	4007	İ	76.4	78.4	60.8	81.3	81.3	81.7	82.3	82.3	82.8	82.8	82.8	82.9	85.0	63.0	83.0
GE	3500	1	78.8	83.9	A 3 . 3	83.9	83.9	84.6	85.2	85.2	85.7	85.7	85.7	85.8	A5.9	85.9	85.9
66	3000	1	83.1	05.2	98.2	88.8	89.1	87.9	90.6	90.6	91.0	91.0	91.0	91.1	91.2	91.2	91.2
a f	2500		83.8	86.0	89.1	89.7	90.0	90.9	71.6	91.6	92.0	92.0	92.0	92.1	92.2	92.2	92.2
35	2001		84.6	87.1	90.9	91.4	91.8	92.7	93.3	93.3	93.8	91.8	93.0	93.9	94.0	94.0	94.0
υſ	1830	i	94.8	67.3	*1.1	91.7	92.0	92.9	93.6	93.6	94.0	94.0	94.0	94.1	94.2	94.2	94.2
UE	1500	1	85.4	88.0	92.2	92.8	93.1	94.4	95.1	95.1	15.6	95.6	95.6	95.7	95.8	95.8	95.6
45	1500	1	45.7	44.3	93.3	94.0	94.3	95.9	96.4	96.4	96.9	96.9	76.7	97.7	97.1	97.1	97.1
GE	1070	1	F5.7	88.4	93.9	94.8	95.1	96.7	97.6	97.6	98.0	98.0	98.0	98.1	98.2	98.2	96.2
GE	•00	i	85.7	88.4	93.9	94.4	95.1	96.7	97.9	97.9	90.3	98.3	98.3	98.4	98.6	98.6	98.6
GF	600	1	85.7	88.4	93.9	94.9	95.2	96.8	98.0	98.0	98.4	98.4	78.4	98.6	94.7	98.7	98.7
GF	701	1	85.6	88.6	94.2	95.2	95.6	97.1	98.3	94.3	98.8	98.8	98.8	98.9	99.D	99.0	99.0
∴ €	600	ł	85.8	88.6	94.2	95.2	95.6	97.2	96.4	98.4	99.2	99.2	**.2	99.3	79.4	99.4	99.4
1 €	530		85 - 6	98.6	94.2	95.2	75.6	97.3	98.7	96.7	99.4	99.4	99.4	99.7	99.8	99.8	99.8
66	• 30	•	85.8	40.6	94	95.2	95.6	97.3	98.7	79.7	99.4	99.4	99.4	99.7	99.4	99.8	99.8
61	100	-	85.8	88.6	94.2	95.2	95.6	97.3	98.7	98.7	99.6	90.6	49.6	99.8	99.4	49.9	99.9
G E	200		85.8	88.6	94.2	95.2	95.6	97.3	98.7	98.7	99.6	90.6	99.6	99.8	99.9	99.9	99.9
u E	100		45.8	44.6	94.2	95.2	95.6	97.3	98.7	98.7	99.6	94.6	99.6	99.6	99.9	90.9	99.9
J (י	l	45.8	88.6	94.2	95.2	95.6			96.7	99.5	99.6	99.6	99.8			100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIPILITY FROM HOUPLY OBSERVATIONS

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NO CEIL 36. GE 20000 42. GE 18730 42. GE 18000 42. GE 14700 42. GE 12000 43. CE 10000 45. GE 9000 46. GE 7030 49. GE 5030 52.	E GE GE 90 80 6 .9 38.4 403 43.9 466 44.1 476 44.4 478 44.4 47.	GE 0 48 9 41.8 7 47.7 0 45.0 0 48.0		15181L1 GE 32	TY IN 1 GE 24	HUNDREDS GE 20	OF ME GE 16	TERS GL	GE 10	GE _e			6 £
IN GT GT GT FEET 160 GT GT GT GT GT GT GT G	9U 8U 6 9 38.4 4D. 3 43.9 46. 6 44.2 47. 6 44.4 47.	9 41.8 7 47.7 0 49.0 0 48.0	LE 40 41.9 47.8	GE 32	GE 24	GE 20	GE 16	GE 12	10	4	,		n
NO CELL 36. Section 36. Section 42. Section 42. Section 42. Section 42. Section 42. Section 42. Section 43. Section 43. Section 45	9U 8U 6 9 38.4 4D. 3 43.9 46. 6 44.2 47. 6 44.4 47.	9 41.8 7 47.7 0 49.0 0 48.0	40 41.9 47.8	42.4	24	20	16	12	10	4			n
NO CEIL 36. GE 20000 42. GE 18730 42. GE 16000 42. GE 14700 42. GE 12000 43. CE 10000 45. GE 9000 46. GE 7030 49. GE 5030 52.	.9 38.4 4D3 43.9 466 44.1 476 44.4 476 44.4 47.	9 41.8 7 47.7 0 49.0 0 48.0	41.9 47.8	42.4	• • • • • •	• • • • • • •	•••••						
NO CEIL 36. GE 20000 42. GE 18000 42. GE 14000 42. GE 12000 43. CE 10000 45. GE 9000 45. GE 9000 46. GE 7030 49. GE 5000 52.	.9 38.4 4D3 43.9 466 44.1 476 44.4 476 44.4 47.	9 41.8 7 47.7 0 49.0 0 48.0	47.8	42.4				• • • • • • •	• • • • • •	• • • • • • •			
GE 200001 42: GE 180001 42: GE 180001 42: GE 180001 42: GE 120001 43: GE 120001 45: GE 90001 45: GE 90001 46: GE 70001 49: GE 80001 49: GE 80001 49:	.3 43.9 46. .6 44.1 47. .6 44.4 47. .0 44.4 47.	7 47.7 0 49.0 0 48.0	47.8		42.6	42.6							
GE 180001 42: GE 140001 42: GE 140001 43: GE 120001 43: GE 90001 45: GE 90001 46: GE 70001 49: GE 80001 49: GE 80001 49:	.6 44.1 47. .6 44.4 47. .6 44.4 47. .0 44.6 47.	D 45.0		48.4			43.D	43.0	43.0	43.1	45	43.2	43.3
GE 160001 42. GE 140001 42. GE 120001 43. CE 100001 45. GE 90001 45. GE 80001 46. GE 70001 49. GE 60001 49.	.6 44.4 47. .6 44.4 47. .0 44.6 47.	0 48.0	48.1		48.7	48.7	49.2	49.3	49.3	49.4	49.0	4 - 6	49./
GE 140001 45. GE 120001 45. GE 90001 45. GE 90001 46. GE 90001 46. GE 70001 49. GE 50001 49.	.6 44.4 47. .0 44.6 47.			48.6	48.9	48.9	49.5	47.5	49.5	49.7	49.	49.9	50.0
GE 120001 430 CE 100001 450 GE 90001 450 GE 80001 480 GE 70301 490 GE 80001 490	.0 44.6 47.	2 48.2	48.1	48.7	49.0	49.0	49.5	49.5	49.6	49.7	49.9	49.9	54.1
CE 100001 45. GE 90001 45. GE 80001 46. GE 70301 49. GE 50001 49.			48.3	48.8	49.1	49.1	49.7	49.8	47.8	49.9	50.0	50.1	50.2
GE 90001 450 GE 80001 480 GE 70001 490 GE 60001 490		5 48.5	46.6	49.1	49.4	49.5	50.0	50.4	50.1	50.2	*0.4	50.4	50.5
GE 90001 450 GE 80001 480 GE 70001 490 GE 50001 490	.1 46.7 49.	6 50.6	50.7	51.3	51.7	51.8	52.4	52.5	52.5	52.6	52.7	52.8	52.9
GE 60J01 496 GE 50J01 526			51.5	52.1	52.5	52.5	53.1	53.2	53.2	53.3	53.5	53.6	53.7
GE 60J01 49	.1 50.0 53.	2 54.2	54.3	55.0	55.5	55.6	56.3	56.4	56.4	56.5	56.7	56.8	57.4
GE 50JD1 52	.6 51.1 54.	3 55.4	55.5	56.2	56.7	56.7	57.5	57.6	57.6	57.7	57.9	58.0	56.1
	.4 51.5 54.	8 55.9	56.0	56.7	57.2	57.2	58.0	54.1	58.1	56.2	58.4	58.5	58.6
	.4 54.6 58.	U 59.1	55.3	59.9	60.5	60.6	61.4	61.5	61.5	61.6	61.8	61.9	62.1
GE 45001 55.	.9 58.4 62.	U 63.2	63.3	64.1	64.7	64.8	65.6	65.7	65.8	65.9	66.1	66.2	66.3
UE 40001 60.	.5 63.2 67.	2 68.5	68.6	69.4	70.0	70.1	71.0	71.1	71.2	71.3	71.5	71.6	71.8
GE 35UN 64.	.9 67.7 72.	0 73.3	73.5	74.3	75.0	75.1	76.0	76.1	76.2	76.3	76.5	76.6	76.8
GE 30001 71.	.5 74.6 79.	4 80.8	81.0	81.9	82.6	82.7	83.7	83.8	83.9	84.0	84.2	84.3	84.5
GE 25001 73.	. 6 76.8 81.	8 83.2	83.4	84.4	85.1	85.2	86.2	86.3	86.4	86.5	A6.7	86.8	87.0
6E 20JN 75		5 86.2	86.3	87.4	M8.0	88.2	89.4	89.3	89.4	89.5	89.7	89.8	90.0
UE 18001 76	.3 79.8 85.	2 86.9	87.1	88.1	8.8	88.9	89.9	97.0	90.1	90.2	90.5	40.6	90.7
GE 15001 78	.2 82.2 48.	1 89.9	90.1	91.3	72.0	92.2	93.2	93.3	93.4	93.5	93.8	93.9	94.0
GE 12001 78.	.7 83.u By.	3 91.2	71.4	92.7	93.4	93.6	94.7	94.8	94.9	95.1	95.3	95.4	95.6
UE 1000) 79.	83.6 90.	2 92.3	92.6	94.1	94.9	95.1	96.3	96.4	96.5	96.6	96.9	97.0	97.2
GE 9301 79.	.2 83.7 90.	4 92.6	92.8	94.3	95.1	95.4	96.8	95.9	97.0	97.1	97.4	47.5	97.7
UE #301 79.		6 92.8	93.0	94.6	95.5	95.8	97.2	97.3	97.4	97.5	97.8	97.9	98.1
GE 7011 79.	.3 83.8 PU.	7 92.9	93.2	94.8	95.8	96.2	97.6	97.7	97.8	98.0	98.2	98.3	98.5
SE 6001 79.	.3 83.8 PD.	7 92.9	93.2	94.9	95.9	96.2	97.7	97.9	98.0	98.1	98.4	94.5	98.7
JE 5301 79.	.3 83.6 9p.	7 97.9	93.2	95.1	96.2	96.5	98.1	98.2	98.3	98.5	98.8	98.9	99
GE 4unl 79.			93.2	95.1	96.2	96.6	98.2	98.4	98.5	98.7	99.1	49.2	99.4
UE 3001 79.	.3 85.8 99.	0 92.9	93.2	95.2	96.3	96.7	98.5	94.6	98.7	99.3	99.3	49.4	99.8
GE 2001 79.	.3 83.b 9U.	8 92.9	93.2	95.2	96.3	96.7	98.5	94.6	98.8	99.0	99.3	99.5	99.9
GE 1001 79.	.3 43.8 90.	8 92.9	93.2	95.2	96.3	96.7	98.5	98.6	98.8	99.0	99.3	99.5	10.0
UE 01 79													

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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PERIOD OF RECORD: 74-83 STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY HONTH: MAY HOURS (LST): 0000-0260 VISIBILITY IN HUNDREUS OF METERS CEILING FEET 160 40 32 24 93 80 64 44 20 12 10 L) NO CEIL ! 53.1 53.5 53.7 55.2 48.7 50.6 52.6 53.1 53.7 54.3 58.1 58.1 58.4 58.4 200001 52.3 52.3 54.2 54.2 56.5 56.5 56.8 56.8 56.8 57.2 57.2 57.3 57.3 57.3 50.0 50.0 59.0 59.0 58.3 58.3 58.3 58.3 59.7 57.3 GE 56.8 UE 16000 56.5 56.8 57.2 57.3 58.C 54.7 58.1 58.3 54.3 59.7 58.8 ij.E 140001 52.6 54.5 56.8 57.1 57.5 57.6 57.6 58.3 58.3 58.4 54.6 56.6 59.0 59.1 58.6 GE 120001 52.7 54.6 57.4 57.8 58.0 58.5 58.9 59.4 61.5 58.1 63.0 63.1 GE 100001 55.9 56.7 60.8 61.1 61.1 61.6 61.6 63.0 62.3 62.4 63.3 62.6 9000 58.8 51.5 61.8 61.8 62.4 62.4 63.3 63.8 65.5 65.7 66.0 69.5 66.5 70.1 70.1 67.2 67.2 67.3 67.5 67.5 71.3 68.U 71.7 71.6 6 F 8030 63.8 62.9 70001 GE 63.9 66.0 60001 64.1 70.3 69.6 73.5 76.5 50001 67.4 72.7 73.7 73.8 73.8 74.4 74.4 74.6 75.1 75.1 75.6 77.3 78.6 78.9 77.3 450CI 71.1 73.8 76.9 80.0 77.8 81.0 78.0 81.1 78.6 79.4 79.4 82.5 79.8 80.4 GE 78.0 GE 81.1 3500 L E 30.101 80.1 63.2 87.7 87.7 88.6 88.7 90.2 90.4 90.9 90.5 91.0 92.0 93.5 25001 83.7 48.1 89.7 88.5 90.2 89.4 91.2 89.5 90-2 91.0 91.6 GE 80.4 89.5 90.2 91.4 92.8 93.2 4 E 91.8 91.3 92.4 94.4 96.5 97.7 υE 1600 85.7 90.8 90.9 92.0 92.6 94.0 15001 93.7 95.1 f. F A 3 . . 86.9 91.9 92.5 92.6 98.0 94.0 95.1 05.4 75.8 95.4 96.2 12001 83.7 95.1 92.5 93.2 94.6 95.1 96.3 ĿΕ 95.6 95.7 97.5 97.5 97.8 98.3 98.8 84.1 34.1 93.3 94.0 94.3 96.2 98.4 GE 10001 87.8 96.2 94.9 GE 900 88.0 96.3 97.6 98.4 99.6 7001 94.2 88.1 93.7 94.3 94.5 96.0 96.7 96.7 98.0 98.3 98.7 94.7 99.1 99.4 94.0 94.7 94.9 GE J٤ 6001 49.7 94.7 99.2 98.5 98.5 99.7 99.9 500 84.2 88.1 88.1 93.9 93.9 93.9 94.5 96.2 96.2 96.2 96.9 96.9 96.9 96.9 98.8 99.2 GE GE 4001 3001 94.7 98.8 99.2 99.2 99.7 99.9 84.2 94.5 96.9 98.5 98.5 G.F 98.4 200 99.7 99.7 6E 1301 84.2 88.1 98.5 98.5 98.6 99.7 99.2 99.7 99.9 01 96.9 98.5 98.5 98.8 99.2 99.2 49.8 100.3

TOTAL NUMBER OF OBSERVATIONS: 930

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GLOBAL CLIMATOLOGY BRANCH USAFLTAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY

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PERIOD OF RECORD: 74-83 MONTH: MAY HOURSELS HOURS (LST): 0300-0500 VISIBILITY IN HUNDREDS OF METERS CEILING G I GF GE GE GL IN | GT FEET | 160 ЬE GE 32 GΕ GE GE GE GE ŝΕ 6 E 80 40 24 16 60 12 10 NO CETL 1 GE 200001 39.8 44.5 47.4 48.3 48.4 50.3 50.6 50.6 52.9 46.5 47.4 47.4 47.7 GE 189001 39.8 46.5 47.3 48.3 48.4 48.4 50.3 50.6 50.6 51.2 51.9 52.4 52.9 44.5 48.4 51.2 uf. 160001 46.5 47.3 48.3 48.4 50.3 50.6 50.6 52.4 52.9 51.0 51.0 GE 120401 40.2 47.0 48.0 46.1 48.9 49.0 49.0 51.0 51.3 100001 50.9 53.9 54.2 54.9 52.7 57.3 54.9 43.6 50.6 51.7 52.6 57.1 59.4 52.7 55.5 56.2 57.2 GE 90001 48.6 51.6 54.6 56.7 55.2 57.U 59.6 52.8 59.2 60.1 80001 56.2 60.9 01.3 61.8 ψE 56.1 70001 49.5 58.3 58.4 59.7 61.6 61.9 62.5 63.2 6 CON! 59.8 64 . 8 GF 49.A 54.8 57.4 58.7 58.8 60.1 60.1 62 - D 62.4 62.4 62.9 63.7 64.3 63.7 G E G E Short 53.1 58.2 62.5 61.2 65.5 62.6 66.9 62.7 64.D 68.3 64.0 65.9 70.3 66.2 70.6 66.2 70.6 66.8 67.5 72.2 68.2 72.9 66.7 73.5 45601 56.7 79.4 83.7 40001 62.2 68.0 71.0 72.4 72.5 73.4 73.8 73.8 76.0 75.3 76.3 77.1 77.8 78.7 ú€. 35001 65.4 71.7 75.2 76.6 76.7 77.6 78.0 78.D 80.2 80.5 80.5 81.3 82.0 63.0 GE 30001 78.3 81.3 68.2 80.9 83.5 83.9 83.9 82.7 84.9 85.8 88.2 25001 70.0 GE 76.3 80.1 81.6 81.7 83.1 83.1 85.4 85.7 85.7 86.5 87.2 68.2 88.6 85.4 86.2 88.7 20001 78.0 82.3 83.8 85.4 87.6 89.5 GE 71.9 73.2 78.3 94.4 86.2 86.2 88.5 91.2 88.8 91.5 68.8 93.3 93.0 18301 82.8 84.3 89.6 91.3 91.9 15001 94.6 84.5 86.0 92.3 GE 12001 73.8 80.2 85.3 89.2 90.0 92.5 86.9 94.6 10001 90.3 91.1 74.2 74.5 86.5 88.4 99.4 91.3 92.3 91.3 92.3 93.8 94.7 95.6 6 E 9001 80.8 88.1 94.1 94.1 94.8 96.6 97.2 G E eani 95.1 88.6 95.1 95.8 97.5 98.2 81.1 7001 74.6 87.2 89.4 89.7 92.0 93.0 93.0 95.5 95.8 97.3 98.9 6E 6001 74.6 81.3 87.2 89.4 89.7 92.0 93.0 93.0 95.6 96.1 96.1 96.9 97.6 98.6 99.2 92.0 űĒ 5001 74.6 81.3 87.2 89.4 89.7 93.0 93.0 95.6 96.1 96.1 96.9 97.6 98.6 99.2 93.0 93.0 97.6 4001 74.6 93.0 υE 87.2 89.4 89.7 95.6 96.1 96.9 48.6 99.2 81.3 96.1 zuni 74.6 81.3 87.2 89.4 89.7 92.0 95.6 96.1 96.9 97.6 99.2 97.8 GF 2001 74.6 81.3 87.2 A9.4 89.7 92.0 93.0 33.D 95.7 96.2 96.2 97.0 99.2 99.9 GE 1001 93.0 93.0 97.0 81.3 89.7 92.0 95.7 96.2 96.2 0.1 6 E 81.3 92.0 93.0 93.0 97.0 97.8 99.4 100.0 74.6 87.4 89.4 89.7 95.7 96.2 96.2

TOTAL NUMBER OF OBSERVATIONS:

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PERCENTAGE FREQUENCY OF GCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER	: 106140	STATI	ON NAME:	PAMS	TEIN AB	GERMANY				PERIOU MONTH	OF REC		-83 (LST):	C660-01	300
CEILING	•••••	•••••	• • • • • • • •	• • • • • •				HUNDREDS			• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
IN 61	G F	GE	GF	GE	GE	GE	GE	GE	GE	GŁ	38	GE	GE	GE	GE
FEET 160		80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	23.9	27.4	32.7	35.1	35.6	36.2	37.0	37.4	38 . 1	38.1	38.1	38.3	39 . D	39.9	40.3
GE 200001	25.7	29.2	34.8	37.3	37.8	38.5	39.4	39.9	40.6	40.5	40.8	41.0	41.3	42.8	43.3
GE 180301	25.8	29.4	34.9	37.4	38.0	38.6	39.5	40.0	40.8	40.9	40.9	41.1	41.9	42.9	43.4
GE 160001	25.8	29.5	35.1	37.5	38.1	38.7	39.6	40.1	40.9	41.0	41.0	41.2	42.0	43.0	43.5
GE 140001	25.8	29.5	35.3	37.7	38.3	38.9	39.8	40.3	41.2	41.3	41.3	41.5	42.4	43.3	43.9
GF 120001	26.2	29.9	35.7	38.4	36.9	39.6	40.4	41.0	41.8	41.9	41.9	42.2	43.0	44.0	44.5
UE 100001	28.6	32.3	38.5	41.2	41.7	42.4	43.2	43.8	44.7	44.8	44.8	45.1	45.9	46.9	47.4
GF 90001	29.5	33.2	39.7	42.4	42.9	43.5	44.4	45.1	46.0	46.1	46.1	46.3	47.2	48.2	48.7
GE BOOM	34.2	38.7	46.0	48.9	49.6	50.4	51.3	51.9	53.1	53.2	53.2	53.5	54.4	55.4	55.9
GE 70301	35.2	39.9	47.4	50.4	51.1	52.0	52.9	53.5	54.7	54.8	54.8	55.2	56.0	57.1	57.7
PE 60301	35.9	40.8	48.4	51.4	52.0	53.0	53.9	54.5	55.7	55.8	55.8	56.1	57.0	58.1	58.7
GE 50001	38.8	43.9	51.9	55.1	55.7	56.7	57.5	58.2	59.5	59.6	59.7	60.0	60.9	61.9	62.6
GE 45001	41.1	46.7	55.1	58.3	58.9	60.0	60.9	61.5	63.1	63.3	63.4	63.8	64.6	65.8	66.6
GE 40001	45.3	51.9	61.1	64.8	65.5	66.9	67.8	68.6	70.4	70.6	70.8	71.1	71.9	73.1	73.9
JE 35001	47.4	54.4	64.1	68.4	69.D	70.5	71.5	72.3	74.1	74.3	74.4	74.7	75.6	76.8	77.5
GE 30UNI	50.0	57.2	68.3	73.1	73.8	75.5	76.6	77.4	79.4	79.6	79.7	80.0	80.9	82.0	62.8
GE 25301	51.3	58.5	69.7	74.5	75.2	76.9	78.1	78.9	81.1	81.3	81.4	61.7	82.6	83.8	84.5
6E 20001	53.9	61.3	72.6	77.5	78.3	80.0	81.2	82.0	84.2	84.4	84.5	84.8	85.7	86.9	87.6
GE 18301	54.1	61.5	72.9	78.0	78.7	80.5	81.7	82.6	84.7	84.9	85.1	85.4	86.2	87.4	88.2
GE 15001	56.0	63.4	75.6	81.3	82.0	83.9	85.1	86.1	88.3	88.5	88.6	88.9	89.8	91.0	91.7
6E 1200	55.9	64.4	76.8	82.5	83.2	85.1	86.2	87.3	89.5	89.7	89.8	90.1	91.0	92.3	93.0
GE 1030	57.5	65.1	77.8	84.0	84.7	86.8	88.3	89.0	91.3	91.5	91.6	91.9	92.8	94.1	9
∪E 9U∏	57.5	65.1	77.8	84.1	84.6	86.9	88 . 1	89.1	91.4	91.6	91.7	92.0	92.9	94.2	94.9
CE 807	57.5	65.1	78.U	84.2	84.9	87.1	88.5	89.7	92.2	92.4	92.5	92.8	93.7	94.9	95.7
GE 7001	57.6	65.4	78.6	85.1	85.9	88.1	89.5	90.6	93.1	93.4	93.5	93.9	94.7	96 . U	96.8
GE 6001	57.6	65.4	78.6	85.2	86.0	88.2	89.6	91.0	93.5	93.9	94.0	94.3	95.2	96.5	97.2
6E 500	57.6	65.4	78.6	85.4	86.2	89.4	90.0	91.4	94.0	94.3	94.4	94.7	95.6	96.9	97.6
GE 4J01	57.6	65.4	78.6	85.4	86.2	88.4	93.0	91.4	94.1	94.4	94.5	94.8	95.7	97.0	97.7
GE 30N1	57.6	65.4	78.6	85.4	86.2	88.4	90.0	91.4	94.2	94.5	94.6	95.2	96.0	97.4	98.2
GE 2301	57.6	65.4	78.6	85.4	86.2	88.4	90.0	91.4	94.2	94.5	94.6	95.2	96.2	98.3	99.6
GE 1J0	57.6	65.4	78.6	85.4	86.2	88.4	90.0	91.4	94.2	94.5	94.6	95.3	96.3	98.4	99.9
GE ni	57.6	65.4	78.6	85.4	86.2	88.4	90.0	91.4	94.2	94.5	94.6	95.3	96.3	98.5	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIPILITY FROM HOURLY OBSERVATIONS

									GERMANY				MONTH		HOURS	(LSTI:		
	LING	• • • •	• • • • • •	• • • • • •	•••••	• • • • • • • •	•••••	• • • • • •	VISIBILI					• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • • • • • • • • • • • • • •
FE	IN E T	İ	G T 160	6E 90	6E 80	6E 6u	GE 48	∪€ 40	GE 32	GE 24	6£ 20	G£ 16	GŁ 12	GE 10	GE A	GE 5	GE 4	GE U
	CLIL			33.0	34.5	37.5	38.0	36.1	39.2	38.5	38.3	38.5	38.5	38.5	38.5	38.7	38.8	36.8
GE	2000f 1800f	٦İ		57.2 37.4	38.8 39.1	42.4	43.2	43.3	43.5	43.7	43.7	43.9	43.9	43.9	43.9	44.1	44.2	44.7
	16000			37.4 37.5	39.1	42.9	43.8	43.9	44.1	44.2	44.2	44.4	44.4	44.4	44.4	45.2	44.7	44.7
	12000			38.0	40.0	44 2	45.4	45.5	45.7	45.9	45.9	46.1	45.1	46.1	46.1	46.3	46.5	46.5
_	10000			39.8	41.8	40.1	47.3	47.4	47.6	47.8	47.8	46.1	48.1	48.1	48.1	43.3	48.4	48.4
6 E	9000	•		11.0	43.U	47.3 52.5	48.5 53.8	48.6	48.8 54.4	49.0 54.6	49.U 54.6	49.2 54.8	49.2 54.8	49.2 54.8	49.2 54.8	49.5 55.1	49.6 55.2	49 · 6 55 · 2
úΕ	7000			16.9	49.4	54.3	55.7	55.8	56.5	56.7	56.7	56.9	56.9	56.9	56.9	57.1	57.2	57.2
υE	6070			17.3	49.8	54.7	56.1	56.2	56.9	57.1	57.1	57.3	57.3	57.3	57.3	57.5	57.6	57.6
GE	5000			19.6	52.4	57.5	59.4	59.5	60.4	63.6	60.6	60.9	60.9	60.9	60.9	61.1	61.2	61.2
υE	4500 4000	- 7		51.4	54.4	59.9	61.8	61.9	63.0	63.2	63.2	63.4	63.4	63.4	63.4	63.7	63.8	63.8
GE	3500			7.1	58.3	64.3	66.2	66.5 70.0	67.8	68.3	68.3	72.4	68.6	68.6 72.4	68.6 72.4	68.8 72.6	68.9	68.9 72.7
LE	3000	-		4.6	68.5	75.6	78.4	78.6	80.1	80.5	80.5	81.1	81.1	81.1	81.1	P1.3	81.4	81.4
6 E	2500			7.1	71.0	78.5	81.3	81.5	83.0	83.4	83.4	84.0	84.0	84.0	84.0	P4.2	84.3	64.3
SE	5000			70.1	74.2	82.0	85.2	85.5	87.0	87.4	87.4	88.0	88.0	88.0	88.0	P8 . 2	88.3	88.3
GE	1800			70.4	74.5 77.0	82.5 55.4	85.6	85.9	87.4	87.8	87.8	88.4	89.4	88.4	88.4	9.6	84.7	88.7
υE	1200			73.1	77.6	86.6	91.0	91.4	91.1	91.6	91.7	92.3	97.3 94.5	92.3	92.3 94.5	92.5	92.6 94.8	92.6
GE	1000			74 - 1	78.7	88.0	92.5	92.9	94.8	95.5	95.6	96.1	96.1	96.1	96.1	96.3	96.5	96.5
űE	9.00	•		74.4	79.U	88.4	93.0	93.4	95.4	96.0	96.1	96.7	96.7	96.7	96.7	96.9	97.0	97.0
GE	800 700	-		74.4	79.1	88.5	93.1	93.7	95.7	96.5	96.6	97.1	97.1 98.1	97.1	97.1 98.1	97.3	97.4	97.4
GE	600			74.4	79.2 79.2	88.6	93.7 93.7	94.4	96.5	97.2	97.5	98.1	98.3	98.3	98.3	98.3	98.6	98.4
GE	500	7		74.4	79.2	88.6	93.8	94.7	96.9	98.0	98.2	99.2	99.2	99.2	99.2	99.5	99.6	99.6
GE	400	•		74.4	79.2	88.6	93.8	74.7	96.9	98.0	98.2	99.4	99.4	99.4	99.4	99.6	99.7	99.7
6.5	300			4 . 4	79.2	R8.6	93.8	94.7	96.9	98.0	98.2	99.5	99.5	99.5	99.5	99.7	99.8	99.8
GE GE	200 100			14.4	79.2 79.2	98.6	93.8 93.8	94.7	96.9	98.0 98.0	98.2 98.2	99.5	99.5	99.5	99.5 99.5	99.8	99.9	100.0 100.0
GE	n	1		74.4	79.2	88.6	93.8	94.7	96.9	98.0	98.2	99.5	99.5	99.5	99.5	99.8	99.9	100.0

PERCENTAGE FREQUENCY OF GCCURPENCE OF CEILING VERSUS VISIRILITY
FROM HOUPLY OBSERVATIONS

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PEPIOD OF RECORD: 74-83 HONTH: MAY HOURS(LST): 1200-1400 VISIBILITY IN HUNDREDS OF METERS CEILING IN | G1 FEET | 160 GE GE GE GE GE 4 32 24 20 90 814 60 48 40 16 1.2 10 5 C NO CETE 1 35.3 35.5 35.7 35.7 35.7 35.7 35.7 35.7 35.7 35.7 43.8 GE 200001 44.2 44.5 44.9 44.9 44.9 GE 180001 44.2 44.6 44.9 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 GE 160001 44.3 44.7 45.1 45.5 45.5 45.5 45.5 45.5 45.5 45.5 45.5 45.5 45.5 45.5 45.5 45.5 44.3 44.7 45.1 45.5 GE 147001 45.5 45.5 45.5 45.5 SE 1000NI 47.1 47.7 48.1 48.6 48.6 48.6 48.6 49.6 48.6 44.6 48.6 48.6 48.6 48.6 46.6 9000 47.7 49.2 49.2 49.2 49.2 49.2 ЬE 80001 50.1 50.8 51.1 51.9 51.9 51.9 51.9 51.9 51.9 51.9 51.9 51.9 51.7 51.9 51.9 GE 70601 51.3 52.0 52.5 53.4 53.4 53.4 53.4 53.4 53.4 53.4 53.4 53.4 53.4 53.4 53.4 60001 52.0 Spani 5 E 54.3 57.1 55.1 55.A 57.1 57.1 57.1 57.1 57.1 57.1 57.1 57.1 57.1 57.1 57.1 57.1 4500 57.8 58.6 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 65.3 ьE 40001 62.0 62.8 63.9 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3 70.2 71.8 73.2 73.2 GE 35001 69.5 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 30001 P0.6 1.6 25001 88.0 91.0 A 1 . 4 84.3 1.48 AA.n 86.0 AA.O AA.D 88.1 88.1 88.1 88.1 88.1 HR. 1 88.1 20001 91.0 91.4 GE 85.7 87.1 89.4 91.1 91.0 91.3 91.4 91.4 91.4 91.4 91.4 91.4 üΕ 16001 86.2 87.6 89.9 91.5 71.5 91.5 91.6 91.9 91.9 91.9 91.9 91.9 GE 15001 88.2 89.7 92.0 93.8 93.8 93.8 93.9 94.1 94.2 94.2 94.2 94.2 94.2 94.2 94.2 12001 GE 89.5 91.3 94.0 96.5 96.6 96.6 96.6 95.8 95.8 96.0 96.6 96.6 76.6 96.6 υE 10001 90.2 92.2 95.3 97.3 97.3 97.4 97.5 98.0 98.1 98.1 98.1 97.5 98.3 9301 94.3 95.4 90.3 97.5 98.3 98.3 G€ 97.6 97.7 98.3 98.3 98.3 98.2 98.3 PODI 92.3 95.5 97.6 97.8 GΕ 90.3 98.0 98.4 98.5 98.4 7001 90.3 92.3 95.6 97.8 97.8 98.1 98.8 98.9 ... 98.9 98.9 91. 9 GE 99.2 99.2 6301 94.3 92.3 95.6 97.8 96.4 98.4 98.7 99.1 99.2 99.2 99.2 99.2 99.4 98.3 5001 4001 90.3 92.3 95.6 98.0 98.8 99.1 99.9 99.9 99.9 99.9 99.9 99.9 GE 98.4 98.3 99.1 99.7 99.9 99.9 99.9 99.9 99.9 95.6 99.8 79.9 99.9 3001 90.3 92.3 95.6 98.0 98.3 98.8 99.1 99.8 100.0 100.0 100.0 100.0 100.0 ĢĒ 100.0 100.0 100.0 2001 90.3 92.3 95.6 99.0 98.3 99.1 99.8 100.0 100.0 100.0 100.0 190.0 100.0 GF 1001 90.3 92.3 95.6 98.0 96.3 98.4 99.1 99.8 100.0 100.0 100.0 100.0 120.0 100.0 100.0 99.8 100.0 100.0 100.0 100.0 100.0 100.0

SEUBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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STATION NUMBER: 106140 STATION NAME: PANSTEIN AB GERMANY

PEPIOD OF RECORD: 74-83 HONTH: MAY HOURS(LST): 1560-1700 CEILING VISIBILITY IN HUNDREDS OF METERS G I 6 F GF GF GE GE S.F. GF GE GF ĪΝ GF 40 32 160 12 NO CEIL I 35.6 GE 2UDDOI 43.7 43.9 44.2 44.2 44.2 44.2 44.2 44.2 44.2 44.2 44.2 44.2 44.2 44.8 45.1 45.3 GE 180001 44.5 44.8 44.8 44.8 44.8 44.8 44.8 44.8 44.8 44.8 44.3 45.3 45.1 45.3 45.3 45.1 45.1 45.1 45.1 45.1 45.3 45.1 45.3 45.1 45.3 GE 160001 44.5 44.7 45.1 44.7 GE 140001 44.5 45.3 45.1 GE 100001 47.2 47.6 48.4 48.4 48.4 48.4 48.4 48.4 48.4 48.4 48.4 48.4 46.5 48.4 48.4 49.1 53.5 49.1 53.5 55.1 49.1 49.1 53.5 49.1 53.5 90001 48.0 48.4 49.1 49.1 49.1 49.1 49.1 49.1 49.1 49.2 52.5 53.8 53.5 53.5 53.5 53.7 55.2 52.0 53.3 53.5 53.5 53.5 6E acno! 53.2 55.1 55.1 55.1 7000 55.1 55.1 55.1 55.1 54.7 60001 50001 57.5 58.9 59.5 59.5 59.5 59.5 59.5 59.5 59.5 59.5 59.5 59.6 GE 57.1 59.5 59.5 60.4 62.4 62.4 62.4 62.4 62.4 62.4 62.4 62.4 62.4 GE 45001 60.0 61.8 62.4 62.4 62.5 GE 40001 66.8 72.9 68.9 69.5 69.5 69.6 73.5 76.0 76.0 76.0 76.0 35001 76.0 76.0 76.0 30001 68.0 91.4 91.4 91.5 25001 87.4 88.4 90.8 91.4 91.4 91.4 91.4 91.U 91.1 91.9 94.5 95.2 95.6 95.2 95.3 95.7 95.3 95.3 95.7 95.3 95.3 95.7 95.3 95.3 95.7 95.3 95.7 95.3 95.7 95.4 G€ 20001 18001 υĒ 93.3 GF 12001 98.7 98.7 96.8 10001 93.0 94.3 97.7 98.5 96.5 98.7 98.7 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.1 99.1 99.2 99.1 GE GF 93.U 93.U 98.6 98.6 98.8 98.9 99.1 99.1 99.1 99.2 9001 94.3 97.8 98.8 99.1 8001 94.4 98.0 98.9 99.2 70P 99.4 99.4 99.4 99.4 99.5 ١€ e po l 93.0 74.4 98.0 98.7 98.8 99.1 99.6 99.6 99.6 49.6 99.7 υĒ 5001 93.0 94.4 98.0 98.7 98.8 99.1 99.2 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 94.4 99.9 99.9 GE 93.0 98.8 99.2 99.9 99.9 99.9 99.5 99.9 4001 98.0 98.7 99.1 160.0 GE 3001 93.0 98.0 98.7 98.8 99.1 99.2 99.9 99.9 99.9 99.9 99.9 100.0 GE 2401 94.4 98.0 98.7 99.1 99.2 99.9 99.9 99.9 99.9 99.9 99.9 100.0 99.9 u.F 1001 93.0 94.4 98.0 98.7 98.8 99.1 99.2 44.9 99.9 93.9 99.9 99.9 99.9 100.0 G E e t 73.0 98.0 98.7 98.8 99.1 99.2 99.9 99.9 99.9 99.9 99.9 99.5 99.9 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STA	TION N	UMBER:	106140	STATI	ON NAME:	RAHS	TEIN A	GERMAN	٧			PERIO		ORD: 74	-83 (LST):	1900-20	טטט
		• • • • • •			• • • • • • •	• • • • • •	• • • • •						• • • • • •		• • • • • •		
I	LING L	GŤ	GE	Ge	G€	GE	GE	VISIBIL	GE	GE	S OF ME	GE CIEM2	GE	GE	G.F.	GŁ	GE
FE		160	90	6 U	68	48	4 C	32	24	20	16	12	10	8	5	4	O.E.
				-	_		_										
N O	CETL		41.0	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
υE	200001		49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GΕ	160001		49.8	50.2	50.3	57.3	50.3	50.3	50.3	50.3	50.3	57.3	50.3	50.3	50.3	50.3	50.3
3E	160001		49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
	14000		50.1	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
ĢΕ	150201		51.2	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE	100001		54.0	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	44.9	54.9	54.9
GE	90001		55.9	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GΕ	80001		61.6	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
	70001		64.4	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
CE	60001		64.9	65.7	66.0	66.0	66.D	66.0	66 • D	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
υ£	5runl		68.0	68.7	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE	45001		71.8	72.6	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE	4000		75.5	76.3	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
6E	35001		81.8	83.0	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
ųΓ	30001		88.3	89.6	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE	25001		89.2	90.6	91.6	92.3	92.4	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE	2000		91.2	92.9	94.2	94.6	94.7	94.7	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	1800		91.6	93.3	94.7	95.3	95.4	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE	1500		93.7	95.5	97.0	97.6	97.7	97.7	97.7	97.7	98.1	99.1	98.1	98.1	98.1	98.1	96.1
υE	1200		94.1	95.9	97.4	98.1	98.3	98.3	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
ĢΕ	10001		94 . 1	95.9	97.4	98.1	98.4	98.4	98.5	98.6	98.9	98.9	98.9	98.9	98.9	99.9	98.9
GF	900		94.1	95.9	97.6	98.3	98.6	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	800		94.1	95.9	97.6	98.3	96.6	98.7	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
υE	700		94.1	95.9	97.6	98.5	96.8	98.9	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
űĒ	6001		94.1	95.9	97.6	98.5	98.8	98.9	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	5001		94.1	95.9	97.6	98.5	96.8	98.9	99.2	99.6	79.9	99.9	99.9	99.9	99.9	99.9	99.9
GΕ	4001		94.1	95.9	97.6	98.5	98.8	98.9	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
G E	3001		94.1	95.9	97.6	98.5	98.8	98.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υE	200		94.1	95.9	97.6	98.5	78.8	98.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1001		94.1	95.9	97.6	98.5	98.8	98.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G E	n t		94.1	95.9	97.6	99.5	98.8	98.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PE 7100 OF RECORD: 74-83 STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY MONTH: MAY HOURS(LST): 2100-2300 VISIBILITY IN HUNDREDS OF METERS CEILING IN | FELT | GΕ GE G€ GE GE GE GE 32 24 20 160 90 80 60 40 12 10 NO CEIL I 46.0 46.0 46.0 46.0 46.0 46.0 46.0 52.9 53.0 52.9 53.0 52.9 53.0 52.9 52.9 53.0 GE 20000| GE 18000| 51.5 52.0 52.9 53.0 52.9 53.0 52.9 53.4 53.0 53.0 53.0 53.0 53.0 53.0 53.0 53.0 53.0 GE 160001 51.6 53.0 53.0 53.0 53.0 53.0 51.0 53.0 53.0 53.0 52.2 GE 14035 53.2 53.2 3E 120001 51.9 52.6 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53,5 53.5 53.5 53.5 53.5 58 · 7 59 · 9 58.7 59.9 58.7 59.9 58.7 59.9 GE 190001 57.7 58.7 58.7 58.7 58.7 58.7 58.7 58.7 58.7 56.7 59.9 GΕ 9030 57.8 58.8 59.9 59.9 59.9 59.9 59.9 59.9 59.9 59.9 80001 63.3 64.6 64.6 64.6 64.6 62.4 64.6 70001 65.3 66.2 67.8 67.8 67.8 67.8 67.8 66.0 69.0 68.0 68.0 68.0 68.0 68.0 ĠΕ 60001 66.1 67.1 68.7 68.7 68.7 68.7 68.7 68.7 68.8 68.8 69.8 68.8 68.8 73.2 77.4 73.5 77.7 73.5 77.7 73.5 77.7 71.6 75.6 73.2 77.4 73.2 77.4 73.2 73.5 77.7 73.5 77.7 73.5 77.7 73.5 GΕ 50001 70.6 73.2 73.2 GΕ 45301 77.4 77.4 77.8 74.6 40301 79.4 80.4 82.6 82.6 82.6 82.6 82.6 82.6 92.9 82.9 82.9 82.9 82.9 82.9 e3.L 86.5 86.9 86.9 87.2 87.2 87.2 87.2 87.3 GE 3500 92.4 83.9 86.3 86.3 86.9 87.2 87.2 30001 86.1 90.5 97.8 91.0 91.8 91.6 93.3 93.8 95.4 93.2 95.3 91.9 93.8 25001 92.0 94.0 92.9 92.9 93.2 93.2 93.3 GE 87.0 88.5 92.9 93.2 93.2 2000 90.2 95.3 95.3 95.3 95.3 94.4 95.3 95.3 95.3 95.7 97.5 95.7 95.7 97.5 95.7 95.8 6E 18001 88.7 90.5 94.2 95.7 95.7 95.8 96.0 96.9 96.9 96.9 1500 91.5 97.6 12001 89.5 97.5 98.3 99.3 98.3 98.3 98.1 93.4 98.5 10001 96.0 96.7 97.0 98.7 98.7 98.7 98.8 98.4 96.3 96.3 98.1 99.C 99.1 f. F 9001 89.6 92.0 96.8 99.0 99.0 8001 96.9 97.1 98.2 99.1 99.1 89.6 92.0 GE 99.5 98.3 98.8 99.5 99.5 99.5 49.5 99.6 6E 6501 99.6 92.4 96.3 97.0 97.2 98.3 98.9 98.9 99.6 99.6 99.6 99.6 99.1 98.9 98.9 GΕ 5001 89.6 92.4 96.3 97.0 97.2 98.3 98.9 99.6 99.6 99.6 99.6 99.6 49.6 99.7 97.0 97.2 98.9 99.6 99.6 99.6 99.6 99.7 4001 96.3 98.3 99.6 99.6 υE 89.6 92.0 3001 92.0 96.3 97.0 98.3 98.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 6.5 2001 89.6 92.0 96.3 97.0 97.2 98.3 98.9 98.9 99.9 99.9 99.9 99.9 99.9 99.9 164.0 1001 92.4 98.3 98.9 98.9 100.0 89.6 96.3 97.0 n I 97.0 97.2 98.3 98.9 99.9 99.9 99.9 99.9 99.9 100.0 GE 89.6 92.1. 96.3 9 11 . 9 90.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

					ON NAME:							MONTH	: MAY		(LST):	ALL	
	LING	• • • • • •	•••••		•••••					HUNDREDS			• • • • • • • •				
1		GI	GE	GŁ	GF	GE	CE	GE	GE	GE	GL	GE	GE	GE	GE	GE	GE
FE	ET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
			• • • • • • •			• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	**********
N O	CEIL		37.4	39.0	40.7	41.2	41.3	41.5.	41.6	41.7	42.1	42.1	42.2	42.3	42.5	42.7	42.8
GΕ	200001		42.9	44.6	46.5	47.1	47.2	47.5	47.6	47.7	48.1	48.2	48.2	48.3	48.5	48.8	48.9
GE	180001		43.1	44.8	46.7	47.4	47.4	47.7	47.9	47.9	48.4	48.4	48.4	48.6	48.8	49.0	49.2
	100001		43.2	44.9	46.8	47.4	47.5	47.8	47.9	48.0	48.5	48.5	48.5	48.6	48.9	49.1	49.3
	140001		43.3	45.0	47.0	47.7	47.8	48.0	48.2	48.3	48.7	48.8	48.8	48.9	49.1	49.4	49.5
G₹	150001		43.7	45.6	47.6	48.3	48.4	48.7	48.9	48.9	49.4	40.4	49.4	49.6	49.8	50.0	5L.2
G.F	100001		46.5	48.5	50.7	51.4	51.5	51.7	51.9	52.0	52.4	52.5	52.5	52.6	52.9	53.1	53.3
GE	90001		47.5	49.5	51.7	52.4	52.5	52.8	53.0	53.0	53.5	53.6	53.6	53.7	53.9	54.2	54.3
ĿΕ	80301		51.8	53.9	56.4	57.2	57.3	57.6	57.8	57.9	58.4	54.5	58.5	58.6	58.9	59.1	59.2
GE	70001		53.7	55.9	58.5	59.5	59.6	60.0	60.1	60.2	60.7	60.8	60.8	61.0	61.2	01.5	61.7
ĿΕ	60001		54.3	56.5	59.2	60.1	60.2	60.6	60.8	60.9	61.4	61.5	61.5	61.6	61.9	62.2	62.3
G E	50001		57.4	59.6	62.6	63.7	63.8	64.2	64.4	64.5	65.0	65.1	65.1	65.3	65.5	65.8	66 a C
6 E	45001		60.5	62.9	66.0	67.2	67.3	67.7	67.9	68.0	58.6	69.7	68.7	68.9	69.2	69.5	65.7
üΕ	40001		65.0	67.7	71.1	72.3	72.4	72.9	73.2	73.3	73.9	74.0	74.1	74.2	74.5	74 . 6	75.6
GE	35001		69.3	72.3	76.1	77.4	77.6	78.2	78.4	78.5	79.2	79.3	79.3	79.5	79.7	87.1	80.3
G E,	3000		75.3	78.4	82.7	84.2	84.3	85.1	85.3	85.4	86.2	86.3	86.3	86.5	86.7	87.1	87.3
	25201			00.0													89.4
G E	2500 2000		77.U 79.2	80.2	84.6 87.2	86.2	86.3	87.1	87.3 90.1	87.4	88.3	88.3	88.4	88.6 91.4	91.6	69.1 92.0	92.2
GE	18001		79.6	82.9	87.7	89.4	89.6	90.4	90.7	90.9	91.7	91.7	91.8	92.0	02.2	92.6	92.8
GE	15001		81.1	84.6	89.8	91.7	91.9	92.8	93.1	93.3	94.2	94.3	94.4	94.5	94.8	95.1	95.3
GE	1200		81.7	85.3	90.7	92.7	93.0	94.0	94.4	94.7	95.6	95.7	55.8	95.9	96.2	96.5	96.7
	10001		82.1	85.8	91.4	93.6	93.9	95.0	95.4	95.7	96.7	96.7	96.8	97.0	97.2	97.5	97.8
GE	9001		82.2	85.9	91.6	93.8	94.1	95.2	95.7	95.9	96.9	97.0	97.0	97.2	97.4	97.8	98.0
GE	inus		82.2	86.0	91.7	94.0	94.3	95.5	96.0	96.3	97.3	97.3	97.4	97.6	97.8	98.2	96.4
GE	7301		82.2	86.1	92.0	94.3	94.7	95.9	96.5	96.8	97.8	97.9	97.9	98.1	98.3	98.7	96.9
GE	6001		82.2	86.1	92.0	94.3	94.7	96.0	96.6	96.9	98.0	94.1	98.2	98.3	98.6	98.9	99.4
	1																00.5
GE	500		82.2	86.1	92.0	94.4	94.8	96.1	96.8	97.2	98.3	98.4	98.5	98.7	98.9	99.2	99.5 99.5
GE	400		82.2	86.1	92.0	94.4	94.8	96.1	96.8	97.2	98.3	98.5 98.5	98.5	98.7	99.3	99.4	99.6
GE GE	300		82.2	86.1	92.U	94.4	94.8	96.1	96.8	97.2 97.2	98.4	98.6	98.6	98.8	99.1	99.6	99.9
GE	1001		82.2	86.1	92.0	94.4	94.8	96.1	96.8	97.2	98.5	98.6	98.6	98.6	99.1	99.6	100.0
										_					1071		
üE	01		82.2	86.1	92.0	94.4	94 · B	96.1	96.8	97.2	98.5	98.6	98.6	98.8	99.1	99.7	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 74-83
HONTH: JUN HOURS(LST): 0000-0200 STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY

	ILING	••••	• • • • • •	•••••	• • • • • •	• • • • • • •				HUNDREDS			• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	IN I	GT	GE	GE	GE	GE	GE	GE	GE	ĠΕ	GE	GE	GE	GΕ	GE	GE	ĿE
	ET I	160	90	86	6 L	48	40	32	24	20	16	12	10	8	5	4	J
				• -			_			-							
NO	CETL		48.2	50.3	51.0	51.1	51.1	51.9	51.9	52.1	52.8	53.0	53.0	53.2	53.3	53.9	54.1
GE	100001		52.1	54.7	55.7	55.8	55.8	56.6	56.6	56.9	57.7	57.9	57.9	58.1	58.2	58.8	59.0
GF	180001		52.1	54.7	55.7	55.8	55.8	56.6	56.6	56.9	57.7	57.9	57.9	58.1	50.2	58.8	59.0
6 E	160001		52.1	54.7	55.7	55.8	55.8	56.6	56.6	56.9	57.7	57.9	57.9	58.1	58.2	58.8	59.0
GE	140001		52.3	54.9	55.9	56.0	56.0	56.8	56.8	57.1	57.9	59.1	58.1	58.3	58.4	59.0	59.2
GE	12030		52.8	55.3	56.3	56.4	56.4	57.2	57.2	57.6	58 . 3	59.6	58.6	58.8	58.9	59.4	59.7
	10000		55.4	58.2	59.4	59.6	59.6	60.4	60.4	60.8	61.6	61.8	61.8	62.0	62.1	62.8	63.4
υE	10006		56.0	58.9	60.4	60.6	60.6	61.4	61.4	61.8	62.6	62.8	62.8	63.0	63.2	63.9	64.1
GE	80001		59.9	62.8	64.6	64.8	64.8	65.7	65.7	66.0	66.8	67.0	67.0	67.2	67.4	68.1	68.3
GE	7000		60.4	63.3	65.1	65.3	65.3	66.2	66.2	66.6	67.3	67.6	67.6	67.8	68.0	6P.7	68.9
ĿĘ	60001		60.4	63.3	65.1	65.3	65.3	66.2	66.2	66.6	67.3	67.6	67.6	67.8	68.0	68.7	68.9
						7.27.2									• • •	•••	
66	5000		64.2	67.4	69.7	69.9	69.9	70.9	70.9	71.2	72 - 1	72.3	72.3	72.7	72.9	73.6	73.8
GE	45001		68.9	12.7	75.7	76.0	76.6	77.0	77.0	77.3	78.3	79.6	78.6 83.8	78.9	79.1	79.9 65.1	80.1 85.3
6.5	40001		73.8	77.6	80.9	81.2	81.2	82.2	82.2	82.6	83.6	83.8		84.1	89.0	89.8	
GE	35001		77.9	81.9	85.6	85.9	85.9	86.9	86.9	87.2	88.2	88.4	88.4	88.8			96.0
σE	3000)		79.4	83.7	87.0	87.9	87.9	88.9	88.9	89.2	90.3	90.6	90.6	93.9	91.1	91.9	92.1
GE	25001		80.3	84.7	89.2	89.6	89.6	90.9	90.9	91.3	92.7	92.9	92.9	93.2	93.4	94.2	94.4
GE	20001		82.0	86.4	91.2	91.9	91.9	93.6	93.6	94.0	95.3	95.6	95.6	95.9	96.1	96.9	97.1
GE	16701		82.2	86.7	91.4	92.1	92.1	93.A	93.8	94.2	95.7	95.9	95.9	96.2	96.4	97.2	97.4
G E	15001		82.8	87.3	92.3	93.1	93.1	94.9	94.9	95.3	96.8	97.0	97.0	97.3	97.6	98.3	98.6
υE	12301		82.8	87.4	92.6	93.3	93.3	95.1	95.1	95.6	97.0	97.2	97.2	97.6	97.8	98.6	98.8
-	1100,				,,,,,	, , , ,				,,,,,						, , , , ,	
υE	10001		82.9	87.6	92.7	93.6	93.6	95.3	95.3	95.8	97.2	97.4	97.4	97.8	98.3	98.8	99.0
GE	900		83.2	87.9	93.0	93.9	93.9	95.7	95.7	96.1	97.6	97.8	97.8	98.1	98.3	99.1	99.5
GE	8301		83.2	87.9	93.1	94.0	94.0	95.R	95.8	96.2	97.7	97.9	97.9	98.2	98.4	99.2	99.4
UE	7001		83.2	87.9	93.1	94.0	94.0	95.8	95.8	96.2	97.7	97.9	97.9	98.2	98.4	99.2	99.4
٥c	6001		83.2	87.9	93.1	94.0	94.0	95.5	95.8	96.2	97.7	97.9	97.9	98.2	98.4	99.2	99.4
GE	5001		83.2	87.9	93.1	94.0	94.0	95.8	95.8	96.2	97.7	97.9	97.9	98.2	98.4	99.2	99.6
GE	4001		83.2	87.9	93.1	94.0	94.0	95.8	95.8	96.2	97.7	97.9	97.9	98.2	98.4	49.2	99.6
SE	3001		83.2	87.9	93.1	94.0	94.0	95.A	95.8	96.2	97.7	97.9	97.9	98.2	98.6	99.3	99.7
GE	200		83.2	87.9	93.1	94.0	94.0	95.8	95.8	96.2	97.7	97.9	97.9	98.2	98.6	99.3	99.7
GE	1001		83.2	87.4	93.1	94.0	94.D	95.8	95.8	96.2	97.7	97.9	97.9	98.2	78.6	99.3	99.9
GΕ	n)		83.2	87.9	93.1	94.0	94.0	95.P	95.8	96.2	97.7		97.9		98.6	-	100.0

PERCENTAGE FREQUENCY OF UCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION NUMBE	R: 106140	STATI	ON NAME:	RAMS	TEIN AB	GERMANY				PERIOD	OF REC		-83 (LSI):	C 300- 0 9	00	
	LING	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •				HUNDRED							•••••	• •
ī		GE	GL	6E	GE	ĿΕ	GE	GF	ůΕ	3.0	GŁ	GE	GE	ůΕ	GE	GE	
	ET 16		80	60	48	40	32	24	20	16	12	10	8	5	4	ັບ	
NO	CETL	36.2	41.3	45.3	46.4	46.4	47.3	47.7	47.9	48.8	48.9	48.9	49.9	50.0	50.9	51.2	
GE	200001	38.1	43.4	47.7	48.8	46.8	49.8	50.1	50.4	51.7	51.8	51.8	52.8	52.9	53.8	54.1	
	180001	38.1	43.4	47.7	48.8	48.8	49.4	50.1	50.4	51.7	51.8	51.8	52.8	52.9	53.8	54.1	
GE	160001	38.1	43.4	47.7	48.8	48.8	49.8	50 - 1	50.4	51.7	51.8	51.8	52.8	52.9	53.8	54.1	
GE	140001	38.1	43.4	47.7	49.8	48.8	49.8	53.1	50.4	51.7	51.8	51.8	52.8	52.9	53.8	54.1	
UE	120001	38.4	43.8	48.0	49.1	49.1	50.1	50.4	50.8	52.0	52.1	52.1	53.1	53.2	54.1	54.4	
GΕ	100001	40.9	46.6	50.8	51.9	51.9	53.1	53.4	53.8	55.0	55.1	55.1	56.1	56.2	57.1	57.4	
GE	9000	41.8	47.4	51.8	52.9	52.9	54.1	54.4	54.8	56.0	56.1	56.1	57.1	57.2	58.1	58.4	
GF	10008	46.3	52.3	56.8	58.1	58.1	59.4	59.8	60.1	61.7	61.8	61.8	62.8	62.9	63.8	64.1	
GE	70001	47.1	53.2	57.8	59.1	59.1	60.4	60.8	61.1	62.7	62.8	62.8	63.8	63.9	64.8	65.1	
GE	10000	47.2	53.3	57.9	59.2	59.2	60.6	60.9	61.2	62.8	62.9	62.9	63.9	64.0	64.9	65.2	
6 E	5000	50.8	57.3	62.1	63.4	63.4	64.8	65.1	65.4	67.1	67.2	67.2	68.3	68.6	69.6	70.0	
ĿΕ	4500	54.1	61.4	66.7	68.1	66.2	69.9	70.2	70.6	72.2	72.3	72.3	73.4	73.7	74.7	75.1	
GE	40001	59.3	66.9	72.7	74.2	74.3	76.0	76.3	76.7	78.3	78.4	78.4	79.6	79.8	80.8	81.2	
GE	35001	63.6	71.2	77.3	79.0	79.1	80.8	81.3	81.7	83.3	83.4	83.4	84.6	64.8	85.9	86.3	
GE	30001	66.4	74.3	80.7	82.7	82.9	84.6	85.1	85.6	87.2	87.3	87.3	88.4	88.7	89.8	94.4	
GE	25001	67.1	75.1	61.4	83.4	83.7	85.6	86.1	86.6	88.4	88.5	88.6	89.7	89.9	91.0	91.7	
G F.	2000	68.3	76.6	83.2	85.2	85.4	87.4	88.0	88.6	90.6	90.7	90.7	91.8	92.0	93.1	93.6	
6 E	10001	68.6	76.8	83.4	85.4	85.7	87.7	88.2	88.8	90.8	90.9	90.9	92.0	92.2	93.3	94.0	
GE	1500	69.8	78 - 1	85.0	87.4	87.8	90.1	90.7	91.2	93.2	93.3	93.3	94.6	94.8	95.9	96.6	
6 E	1200	69.9	78.2	85.1	87.6	87.9	90.2	90.8	91.3	93.3	93.4	93.7	94.9	95.1	46.2	96.9	
GΕ	10001	70.3	78.7	95.7	88.2	88.9	91.3	91.9	92.4	94.4	94.6	94.8	96.3	96.2	47.4	98.1	
GF	900	70.7	79.0	86.0	88.6	89.2	91.7	92.2	92.8	94.8	94.9	95.1	95.3	96.6	97.8	98.4	
GE	1008	70.7	79.0	86.5	88.9	89.6	92.0	92.6	93.1	95.1	95.2	95.4	96.7	96.9	98.1	98.8	
GE	7001	70.7	79.0	86.3	88.9	89.6	92.0	92.6	93.1	95.1	95.2	95.4	96.7	96.9	98.1	98 . 8	
GΕ	6001	70.7	79.0	86.3	88.9	89.6	92.0	92.6	93.1	95.1	95.3	95.6	96.8	97.0	98.2	98.9	
				0.776													
GE	5001	70.7	79.0	86.3	88.9	89.6	92.0	92.6	93.1	95.1	95.3	95.6	96.8	97.U	48.2	98.9	
GΕ	4001	70.7	79.0	86.3	88.7	89.6	92.0	92.6	93.1	95.1	95.3	75.6	96.8	97.0	98.2	98.9	
GΕ	3001	70.7	79.0	86.3	88.9	89.6	92.0	92.6	93.1	95.1	95.3	95.6	96.8	97.1	98.3	99.0	
6 E	2001	70.7	79.0	86.3	88.9	89.6	92.0	92.6	93.1	95.1	95.3	95.6	96.8	97.1	98.3	99.3	
GF	1001	70.7	79.U	86.3	88.9	89.6	92.0	92.6	93.1	95.1	95.3	95.6	96.8	97.1	98.3	99.8	
GΕ	01	70.7	79.0	86.3	88.9	89.6	92.0	92.6	93.1	95 • 1	95.3	95.6	96.8	97.2	98.4	160.0	

GLOSAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF CCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PERIOD OF RECORD: 74-83 HONTH: JUN HOURS (LST): 0660-0800 CEILING VISIBILITY IN HUNDREDS OF METERS GI GE GE GE 6E 40 3E 32 GF 24 GE 20 GE 16 ΒE GE GE GE 5 GE 4 GE 160 48 FEET 90 81 60 12 10 8 NO CEIL | 22.1 25.6 35.0 36.2 37.3 38.3 39.4 39.1 32.3 34.9 38.6 38.7 39.7 28.8 38.8 38.9 41.8 42.6 42.7 42.8 42.8 44.8 GE ZOCUDI 24.6 35.8 38.7 43.2 45.2 40.1 41.3 44.1 GE 18000 24.6 38.8 40.2 41.4 43.3 44.1 24.6 28.8 42.7 42.8 42.9 43.0 GE 160001 35.8 35.9 38.8 38.9 38.9 39.0 40.2 40.3 41.4 41.9 43.3 44.1 44.9 45.3 GΕ 14000 41.6 45.0 44.2 45.4 GE 12000 39.2 40.7 GE 100001 42.0 42.1 44.9 GE 43.3 43.4 46.1 50.7 46.7 47.7 52.3 48.0 52.7 50.3 5G.9 55.7 90001 27.8 32.4 39.9 47.9 48.4 49.4 30.7 35.6 8000 44.0 53.1 E4.1 52.6 70001 49.1 49.2 52.1 53.9 57.3 GE 60001 32.0 36.9 45.6 49.2 49.3 51.0 52.2 54 . D 54.2 54.3 55.9 56.8 58.1 62.8 69.9 GE 50000 35.4 40.4 49.3 53.0 57.2 53.1 57.3 54.9 59.2 56.1 56.8 57.9 62.6 58.2 58.9 63.6 60.0 65.7 61.7 4500 39.1 53.3 44.1 66.3 64.7 4000 43.8 49.2 58.8 63.1 63.2 65.3 66.6 67.3 68.7 69.0 69.7 70.8 71.9 72.4 GE 35401 73.6 77.1 46.4 52.4 62.3 67.1 74.3 75.4 76.4 25001 51.1 57.4 68.0 76.8 79.3 81.2 84.3 85.7 GΕ 72.8 73.3 78.2 79.0 81.6 82.3 83.4 85.2 81.0 64.4 80.8 84.1 86.6 87.6 GE 2000 | 1800 | 59.3 75.7 77.0 81.6 85.4 52.9 70.1 75.1 88.3 80.7 86.0 71.4 54.2 76.4 89.7 1500 73.7 89.0 ьE 12001 63.4 80.2 90.0 90.2 90.6 ьE GF 9301 57.2 57.7 64.1 81.2 82.0 85.8 88.6 91.7 92.0 93.0 92.8 94.1 95.1 96.1 96.0 97.0 75.3 87.7 91.4 76.0 88.7 8001 57.1 64.8 76.0 81.9 82.7 86.7 88.7 89.6 92.4 92.7 93.0 93.8 95.1 96.1 97.0 93.0 7101 82.4 93.6 u F 57. R 64.9 76.6 A3.2 87.2 89.2 90.1 94.3 95.7 96.7 97.6 GE 6001 90.1 95.8 76.6 93.2 93.4 93.6 93.6 5001 57.8 82.4 90.2 94.6 94.8 94.9 96.9 97.8 u E 64.9 76.6 83.2 87.2 89.2 93.8 95.9 82.4 82.4 82.4 98.2 98.9 400 64.9 89.2 89.3 90.3 96.1 93.8 3001 64.9 76.6 76.6 87.2 90.4 94.1 96.2 97.3 GE 57.8 83.2 83.2 GΕ 200 87.3 96.2 GE 1001 64.9 29.3 90.4 100.0 01 90.4

TOTAL NUMBER OF OBSERVATIONS:

1

PERCENTAGE FREQUENCY OF CCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PEPIOD OF HECORD: 74-83

1

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY

MONTH: JUY HOURS(LST): 0900-1100 VISIBILITY IN HUNDREDS OF METERS GE 48 GE 32 G€ 5 GE 4 GΕ GF GE GE GE GŁ GE GE GE GE 40 24 20 16 10 8 1 160 90 80 60 12 ū FEET NO CEIL I 39.7 39.7 33.1 38.9 40.4 41.3 41.1 41.1 43.4 43.9 43.9 44.2 44.9 45.3 44.2 44.9 44.9 45.0 GF 200001 36.7 39.0 42.7 43.4 44.8 44.9 44.9 45.0 45.0 43.9 45.3 45.3 45.4 45.4 44.7 45.3 GE 160J01 GE 140001 37.0 37.3 39.4 43.1 43.9 45.3 45.3 45.3 45.4 45.4 45.2 45.3 45.4 45.6 45.7 45.8 GE 120001 37.8 48.4 100001 42.3 43.0 46.8 46.8 48.1 48.3 48.3 48.3 48.3 48.4 GE 46.8 51.8 49.1 49.3 49.4 enont 40.6 48.6 Bourt 47.U 48.1 53.1 53.2 54.0 54.6 54.8 54.8 54.8 54.8 54.8 54.9 54.9 54.9 6E 70001 55.4 56.0 56.2 56.2 56.2 56.2 56.3 56.3 6E 60301 46.0 48.8 53.9 55.2 55.3 56.2 56.8 57.0 57.0 57.0 57.0 57.0 57.1 57.1 ٥E Spani 48.6 51.7 57.1 58.4 58.6 59.4 60.0 60.2 60.2 60.2 60.2 60.2 60.3 60.3 60.3 62.4 67.8 72.7 62.4 69.0 72.9 GE 53.8 60.7 62.4 67.8 72.4 45001 50.6 59.3 60.8 62.2 62.4 62.6 62.7 65.8 67.8 GE 40001 55.1 58.4 65.9 66.9 67.4 67.8 68.0 35001 62.7 68.6 70.3 71.3 72.1 12.7 72.7 72.8 6E 59.0 72.9 GE 25001 82.8 83.1 83.9 83.9 80.3 80.6 83.7 83.7 83.7 83.7 83.8 82.3 88.1 GE 20301 70.6 84.6 87.3 87.2 87.6 88.1 89.6 88.1 88.2 89.7 88.3 88.3 75.0 54.8 85.9 76.0 1500 75.4 GE 12001 80.3 96.1 GE GE 92.9 93.0 93.2 94.7 96.1 96.2 96.8 97.6 97.7 97.6 97.6 97.6 97.7 97.7 97.8 97.8 10001 75.9 81.0 90.1 75.9 90.2 9001 81.0 Bont 90.7 93.6 93.9 95.3 97.1 97.8 98.6 98.6 98.7 98.8 99.0 ьE 7.001 76.1 81.3 90.9 93.8 94.1 95.6 97.3 98.0 98.8 98.8 QA.A 98.8 98.9 99-11 GE 6001 95.8 91.0 94.0 94.3 98.3 97.7 97.8 98.4 99.2 95.8 5001 94.0 99.2 99.4 GE 81.3 91.0 94.3 99.2 99.2 99.3 99.4 4001 91.0 94.0 99.7 99.7 GE GE 91.U 91.U 94.0 95.9 98.9 99.7 99.8 99.9 99.9 3001 76.1 81.3 94.3 98.0 99.7 98.0 2001 94.0 160.0 100.0 94.3 GE 1001 81.3 91.0 94.0 95.9 98.0 93.9 99.8 99.8 99.8 99.9 100.0 100.0 99.8 99.8 99.9 01 98.0 99.8 100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIPILITY FROM HOUPLY OBSERVATIONS

PERIOD OF RECORD: 74-83

STATION NUMBER: 136140 STATION NAME: PAMSTEIN AB GERMANY

HONTH: JUY HOURS (LST): 1200-1400 VISIBILITY IN HUNDREDS OF METERS CEILING GΕ GE FEET 32 23 90 86 60 43 40 24 16 12 16 5 Ü NO CETL I 36.1 36.4 36.4 GE 200001 42.1 42.3 42.3 43.0 42.3 43.0 41.9 42.3 42.3 42.6 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0 GE 16000 42.6 42.8 43.4 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.D 43.0 43.0 43.0 GE 140001 43.1 43.3 43.3 43.3 43.3 43.3 43.3 43.3 43.3 43.7 CE 120001 43.9 43.9 43.9 43.9 43.9 43.9 GE 100001 46.7 46.9 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.6 47.6 47.6 47.6 47.6 47.6 47.6 8000 50.2 50.4 50.7 50.8 50.8 50.8 50.8 50.8 50.8 50.6 50.8 50.9 50.8 50.8 50.6 51.7 52.1 70001 51.4 51.9 52.0 52.1 52.1 52.1 52.1 52.1 52.1 52.1 52.1 52.1 52.1 52.1 52.6 60301 52.6 52.6 52.6 50401 55.4 58.2 56.2 56.2 59.0 56.2 59.0 56.2 59.0 56.2 59.0 56.2 6 E 56.0 56.1 56.2 56.2 56.2 4500 58.8 58.9 59.0 59.0 GE 65.4 40001 63.4 63.7 65.0 65.2 65.4 65.4 65.4 65.4 65.4 65.4 65.4 65.4 65.4 65.4 71.1 72.3 73.9 74.2 74.6 35001 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 2500l 89.9 89.9 89.9 89.9 89.9 GE 85.2 86.7 88.9 89.6 89.6 89.9 89.9 89.9 89.9 A9.9 20001 88.0 89.6 92.U \$2.7 97.9 93.1 93.2 93.2 93.2 93.2 93.2 GE GE 92.4 93.4 93.7 93.3 93.8 93.8 97.3 93.8 93.8 93.8 97.0 93.8 10001 88.4 90.4 93.2 93.8 93.8 97.0 15001 90.2 91.8 96.1 96.6 96.9 97.C 12001 96.8 10001 ĿΕ 97.9 99.0 99.1 99.2 99.2 99.2 91.0 92.7 98.3 99.1 GE 9001 91.0 92.7 98.1 98.6 99.2 99.3 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.6 98.2 99.9 97.0 99.9 99.9 99.9 8001 91.0 92.7 98.8 99.8 99.9 99.9 99.9 GE 99.8 GE 100.0 100.0 6001 92.7 100.0 100.0 100.0 100.0 100.0 5001 92.7 97.0 99.8 100.0 100.0 100.0 91.0 98.2 98.8 100.0 100.0 100.0 99.9 6 F 4001 91.0 98.2 98.8 99.6 100.B 100.0 100.0 100.0 100.0 100.0 100.0 99.6 3001 92.7 97.0 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 6E 91.0 98.2 98.8 100.0 97.3 2001 92.7 99.6 99.8 100.0 100.0 100.0 100.0 100.0 100.0 14101 92.7 100-0 100.0 100.0 100.0 100.0 100.0 100.0 GE 91 91.0 97.0 99.6 99.8 99.9 100.0 100.0 100.0 100.0 106.0 160.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 900

d broad as a

PERCENTAGE FREQUENCY OF DECUMPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

51	AT.	104	NUMBER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMANY					OF REC		-83	1500-17	'០ប
		ING	• • • • • •	• • • • • • • •	• • • • •	• • • • • • • •	• • • • • •		VISIBILI					•••••	• • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
	IN		l GT	GE	GE	GΕ	GŁ	6E	GE	GE	JE	GŁ	GE	GE	GE	GE	GE	GE
	EE.		160	90	86	63	48	¥ D	32	24	20	16	12	10	8	5	, L	J
NO	C	EIL	1	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
ĿΕ	20	0000	1	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	46.9
		6000		43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
		6010		43.7	43.7	43.8	43.8	43.8	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
		4030		44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE	1 3	2000	l	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.n	45.0	45.0	45.0	45.0	45.4
						0.2		0.00										
		סטסט		49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
6 E		9000		49.7	49.7	49.0	49.3	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE		0000	•	54.8	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
∪£ G£		7030		55 • 8 56 • 2	55.9 56.3	56.2 56.7	56.2	56.2 56.7	56.2 56.7	56.2 56.7	56.2 56.7	56.2 56.7	56.2	56.2 56.7	56.2 56.7	56.2	56.2 55.7	56.2 56.7
UE		P000		30 . 2	30.3	30.1	2001	30.1	36.7	30.7	20.1	30 . 1	30.1	30.7	20.1	30.1	2701	30.7
GE		5000	1	61.3	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE		4500		64.7	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
33		4000		73.2	73.4	73.8	73.8	73.8	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
υE		3500		81.4	81.8	82.4	82.4	92.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE		3000	ĺ	90.4	90.9	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
6E		2500	1	92.4	93.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
úΕ	•	2000	1	93.2	94.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
ÇΕ		1600	•	93.6	94.4	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE		1500		94.6	95.8	97.3	97.7	97.7	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	96.1
GE	1	1200	ł	94.9	96.1	98.1	98.7	98.7	98.8	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
								100-1				101111	12.2	12 10				
GE	-	1000	•	95.1	96.3	98.3	99.0	99.0	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
υE		900	•	95.1	96.3	98.4	99.1	99.1	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6 99.9	99.6
G E		800 700	•	95 • 2 95 • 2	96.4	98.7 98.7	99.3	99.4	99.6 99.7	99.6	99.8	99.9	99.9	99.9 100.0	99.9 100.0	100.0	100.0	99.9 100.0
GE		600	•	95.2	95.4	98.7	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ut		000		73.2	79.7	70.1	77.4	77.0	77.7	7761	7747	130.0	100.0	100.0	100.0	111010	100.40	100.0
GE		500	1	95.2	96.4	98.7	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G E		400		95.2	96.4	98.7	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	107.0	100.0
GE		300	-	95.2	96.4	98.7	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		200		95.2	96.4	98.7	97.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100		95.2	96.4	98.7	99.4	99.6	99.7	99.7	99.9		100.0		100.0	100.0	100.0	100.0
				_	-												. •	
GE		n	1	95.2	96.4	98.7	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

								GERMANY				DOLRAG					
	LING	• • • • • •	• • • • • • •	•••••	•••••	• • • • •		VISIBILI					• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••
I	N	I GT	GE	GΣ	65	GE	GE	S E	GE	GE	GŁ	GE	GL	GE	GE	GE	GE
FE	E T	160	91)	90	6 u	48	¥ 0	32	24	20	16	12	10	8	5	4	3
	• • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •			• • • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • •
NO	CEIL	ŀ	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
SE	20000	ı	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE	18000	İ	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
ij€	16000	i	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
SE	14000	Ì	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
úΕ	12000	ŀ	52.8	52.9	52.9	52.9	52.0	52.9	E2.9	52.9	52.9	52.9	52.9	52.9	52.7	57.7	52.9
GΕ	10000	ı	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	59.4	58.4
	9000		59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	19.2	59.2
GE	8000	İ	65.6	65.8	65.8	65.8	65.8	65.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
G E	7000	ĺ	67.4	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE	6007	ı	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	64.2	68.2	68.2	68.2	68.2	68.2
GE	5000	1	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE	4500		75.7	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE	4000	-	81.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	P2.6	82.6	82.6
GE	3500	İ	87.4	87.9	88.7	88.7	88.7	88.7	88.7	88.7	86.7	88.7	88.7	88.7	88.7	68.7	88.7
GE	3000	l .	91.9	92.7	94.0	94.0	94 . D	94.0	94.0	94.0	94 . D	94.0	94.0	94.0	94.0	94.0	94.0
GE	2500	ŀ	93.1	93.9	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GΕ	2030	l	93.8	94.8	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	1600	ı	94.0	95.0	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	47.2	97.2
G E	1:00	ŀ	95.0	96.0	96.3	99.D	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	12 10	i	95.0	96.1	98.7	99.3	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	10.0	ı	95.0	96.1	98.7	99.3	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	670	1	95.0	96.1	98.7	99.3	99.3	99.7	99.7	99.9	79.9	99.9	99.9	99.9	99.9	99.9	99.9
SE	800	1	95.D	96.1	98.7	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
٥E	707	i	95.4	96.1	98.7	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30	600	1	95.0	96.1	98.7	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	1	95.0	96.1	98.7	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	400		95.0	96.1	98.7	99.4	99.4	99.8	99.8			100.0	100.0	100.0	100.0	100.0	100.0
6E	300	1	95.U	96.1	98.7	99.4	99.4	99.8	99.8			100.0	100.0	100.0	100.0	160.0	130.0
υE	200		95.0	96.1	98.7	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĿΕ	100	i	95.0	96.1	98.7	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	О	1	95.0	96.1	98.7	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.3	160.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	N I	61	GE	GE	GF	GŁ	GE	GE	GE 24	6E	GE	uF.	GE	GE	GE	5E	GE	
	ET	160	90	80	60	48	40	3 2		20	16	17	10	8	5	4	b	
NO	CEIL I		41.6	41.2	41.6	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.0	42.1	42.1	
Ŀ€	200001		50.6	51.1	51.6	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	F 2 . J	52.1	52.1	
GΕ	180001		50.9	51.4	51.9	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.4	52.4	
GE	160001		50.9	51.4	51.9	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.4	52.4	
ЬE	140001		51.3	51.9	52.3	52.4	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.9	52.9	
GE	120301		51.9	52.4	52.9	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.4	53.4	
GF	100001		56.1	56.8	57.9	58.2	58.2	58.6	58.6	58.7	56.7	59.7	58.7	58.7	58.8	58.9	58.9	
	90001		56.7	57.3	58.6	58.9	58.9	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.6	59.7	59.7	
GE	10008		61.3	62.7	64.1	64.6	64.6	65.0	65.U	65.1	65.1	65.1	65.1	65.1	65.2	65.3	65.3	
υE	70001		63.0	64.3	65.8	66.2	66.2	66.7	66.7	66.8	66 . 8	66.8	66.8	66.8	66.9	67.0	67.0	
GE	60001		63.0	64.3	65.9	66.3	66.3	66.8	66.8	66.9	66.9	66.9	66.9	66.9	67.3	67.1	67.1	
G E	50401		68.9	70.2	71.9	72.3	72.3	72.6	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.1	73.1	
GE	4500		74.8	76.3	78.1	79.6	78.6	79.0	79.0	79.1	79.1	77.1	79.1	79.1	79.2	79.3	79.3	
GE	40001		78.9	80.7	82.9	83.4	83.4	83.9	83.9	84.0	84 . D	84.0	84.0	84.0	84.1	84.2	84.2	
υĒ	35001		82.4	84.6	86.9	87.7	87.7	85.3	88.3	88.4	88.4	88.4	88.4	88.4	88.6	88.7	88.7	
GE	30001		85.9	88.2	91.3	92.1	92.1	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.2	93.2	
GE	25001		87.2	89.6	93.7	94.4	94.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.8	95.8	
GE	20001		88.0	90.4	94.5	95.8	95.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.4	97.4	
ĿΕ	18001		88.1	90.6	95.0	96.0	96.0	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.6	97.7	97.7	
üE	15301		88.6	91.2	95.b	97.2	97.2	98.7	98.7	98.8	98.9	99.9	98.9	99.9	99.0	99.1	99.1	
GΕ	12001		88.9	91.6	96.2	97.7	97.7	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.6	99.7	99.7	
űΕ	10001		39.0	91.7	96.4	97.9	97.9	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	
GE	9001		89.4	91.7	96.4	97.9	97.9	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	
υE	8001		89.0	91.7	96.4	97.9	97.9	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	
G E	7001		89.0	91.7	96.4	97.9	97.9	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.6	
G€	6001		89.0	91.7	96.4	97.9	97.9	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	
GE	5001		89.0	91.7	96.4	97.9	97.9	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	
G C	4001		89 . L	91.7	96.4	97.9	97.9	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	
GΕ	300		89.0	91.7	96.4	97.9	97.9	99.6	94.6	99.7	99.8	99.8	99.8	99.8	99.9	160.0	100.0	
G€	2001		99.0	91.7	96.4	97.9	97.9	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	
GE	100		89.0	91.7	96.4	97.9	97.9	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	1/10.0	100.0	
(. F	n I		90.0	91.7	96.4	97.9	97.0	00.4	4.00	00.7	00.8	00.8	00.8	99.8	99.9	100.0	100.0	

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

TATION NUMBER:										MONTH	HUL:		(LST):	ALL	
EILIMG	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •		VISIBILI					• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
IN GT FELT 160	GE 90	GŁ 9u	6E 6u	GE 48	GE 4U	GE 32	GF 24	GE 20	GE 16	GE 12	GE 1U	GE 8	GE 5	G£	9E ()
CETL	36.7	38.4	40.3	40.9	40.9	41.4	41.7	41.8	42.U	42.1	42.1	42.3	42.4	42.7	42.0
. 200001	42.3	44.2	46.3	46.9	46.9	47.4	47.7	47.8	48.2	48.2	48.3	48.5	48.6	48.9	49.0
180001	42.6	44.5	46.6	47.3	47.3	47.R	48.0	48.2	48.5	49.6	48.6	48.8	49.0	49.3	49.4
160001	42.6	44.5	46.6	47.3	47.3	47.8	48.1	48.2	48.6	48.6	48.6	48.8	49.0	49.3	49.4
140001	42.9	44.8	46.9	47.5	47.6	48.1	48.3	48.5	48.8	44.9	48.9	49.1	49.3	49.6	49 . 7
120001	43.3	45.3	47.4	48.0	46.0	48.6	48.8	49.0	49.3	49.4	49.4	49.6	49.8	50.0	50.2
100001	46.7	48.8	51.0	51.6	51.7	52.2	52.5	52.7	53.0	53.1	53.1	53.3	53.5	53.8	53.9
10076	47.3	49.4	51.8	52.5	52.5	53.1	53.4	53.6	53.9	54.0	54.D	54.2	-4.4	54.8	54.9
8000	51.7	53.9	56.6	57.5	57.5	58.2	58.4	58.6	59.0	59.1	59.1	59.3	59.5	57.8	66.0
70001	52.8	55.1	57.9	58.8	58.8	59.5	59.8	60.0	60.4	67.5	60.5	60.7	60.9	61.2	61.4
60001	53.1	55.4	58.2	57.1	59.1	59.8	60.0	60.3	60.7	60.8	60.8	61.0	61.2	61.5	61.7
50001	57.0	59.5	62.5	63.4	63.4	64.1	64.3	64.6	65.0	65.1	65.1	65.4	65.6	65.9	66.1
4500	60.7	63.4	66.7	67.6	67.7	68.4	68.7	68.9	69.4	69.4	69.5	69.7	69.9	70.3	70.5
4000	66.2	69.0	72.6	73.7	73.7	74.5	74.5	75.0	75.5	75.6	75.6	75.9	76.1	76.5	76.6
3500	71.2	74.3	76.2	79.4	79.5	80.3	80.7	80.9	81.5	81.5	81.5	81.8	82.U	62.4	62.6
30701	76.6	80.0	84.4	85.7	85.8	86.8	87.2	87.5	88.1	89.2	88.2	88.5	A8.7	89.1	89.3
25001	77.9	81.5	86.2	87.5	87.7	88.8	89.2	89.4	90.2	90.2	90.3	90.6	90.8	91.2	91.4
20001	79.6	83.3	88.2	89.7	89.8	91.1	91.5	91.8	92.6	92.7	92.7	93.0	93.2	93.6	93.8
1600	80.1	83.8	88.7	90.2	90.4	91.7	92.1	92.4	93.2	93.3	93.3	93.6	93.8	94.2	94.4
15001	81.4	85.2	90.6	92.4	92.6	94.1	94.5	94.8	95.8	95.8	9: . 9	96.2	96.4	96.8	97.0
15001	81.8	85.7	91.4	93.2	93.4	94.9	95.3	95.7	96.6	96.7	96.7	97.0	97.2	97.6	97.8
10001	82.1	86.0	91.8	93.8	94.0	95.5	96.0	96.4	97.4	97.4	97.5	97.8	98.0	98.4	98.7
9001	82.2	86.2	92.0	94.0	94.3	95.8	96.3	96.7	97.6	97.7	97.8	98.1	98.3	98.7	98.9
1008	82.2	86.2	92.1	94.2	94.5	96.0	96.6	97.0	97.9	98.0	98.1	98.3	98.6	99.0	99.2
700	92.3	86.3	92.2	94.3	94.6	96.1	96.7	97.1	98.0	98.1	98.2	98.5	98.7	99.1	99.3
. 6001	82.3	86.3	92.2	94.3	94.6	96.2	96.7	97.2	98.1	99.2	98.3	98.5	98.8	99.2	99.4
5001	82.3	86.3	92.2	94.3	94.6	96.2	96.8	97.2	98.1	98.2	98.3	98.6	98.8	99.2	99.5
4001	82.3	86.3	92.2	94.3	94.6	96.2	96.8	97.2	98.2	98.3	98.3	98.6	98.9	99.3	99.5
2001	82.3	86.3	92.2	94.3	74.6	96.2	96.8	97.3	98.2	99.3	98.4	98.7	98.9	99.4	99.6
2001	82.3	86.3	92.2	94.3	94.6	96.2	96.8	97.3	98.2	98.3	98.4	98.7	99.0	99.4	99.7
1001	82.3	86.3	92.2	94.3	94.6	96.2	96.8	97.3	98.2	99.3	98.4	98.7	99.0	99.4	106.0
. 01	82.3	86.3	92.2	94.3	94.6	96.2	96.8	97.3	98.2	98.3	98.4	98.7	99.0	99.5	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY FROM HOUFLY OBSERVATIONS

STA	TION NU	JMRER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMANY						ORD: 74	-		
												HONTH			(LST):		
	L I PG	• • • • • •		• • • • • •	• • • • • • • •	• • • • • •		VISIBILI					• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
	N I	61	GE	GE	GE	SE	6E	SE	L.F	GE	GE	GE	GE	GE	GE	SE	GE
_		160	90	86	56	48	40	32	24	20	16	12	10	8	5	4	d.
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		_		•••••								• • • • • •		
•••	•••••	• • • • • •	• • • • • • • •	•••••		• • • • • •				• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •		•••••	
N (1)	CEIL I		55.3	56.0	57.9	58.0	58.2	58.7	58.8	58 . 8	59.U	59.2	59.2	59.2	59.3	59.3	59.4
N O	CCIL I		33.3	30.0	31.67	30.0	3044	30.1	30.0	3000	,,,,	3,45	37.6	3.7.62	77.63	37.53	27.14
r.F	200001		57.8	59.3	60.6	60.9	61.1	61.6	61.8	61.8	52.0	62.3	62.3	62.3	62.6	62.6	62.8
	180301		57.9	59.4	60.7	61.0	61.2	61.7	61.9	61.9	62.1	62.4	62.4	62.4	62.8	62.8	62.9
	160001		57.9	59.4	60.7	61.0	61.2	61.7	61.9	61.9	62.1	62.4	62.4	62.4	62.8	62.8	62.9
	140001		58.0	59.5	60.8	61.1	61.4	61.8	62.0	62.0	62.2	62.5	62.5	62.5	62.9	62.9	63.1
	120001		58.4	60.0	61.2	61.7	61.9	62.3	62.5	62.5	62.8	63.1	63.1	63.1	63.4	63.4	63.5
0.	12000,		30.4	0010	0.00	0	0.07	01.03	02	02.03	02.00	0 3 4 1	03.1	0311	.,,,,,	0,744	03.5
í.F	TOCOUL		59.7	61.2	62.6	63.1	63.3	63.7	63.9	63.9	64.2	64.5	64.5	64.5	64.8	64.8	64.9
	90000		60.2	61.7	63.1	63.5	63.7	64.2	64.4	64.4	64.6	64.9	64.9	64.9	65.2	65.2	65.3
GE	80001		65.3	67.1	69.2	69.6	69.9	70.3	70.6	70.6	70.8	71.2	71.2	71.2	71.5	71.5	71.6
	10001		66.0	67.8	70.0	70.4	70.6	71.3	71.6	71.6	71.8	72.1	72.1	72.1	72.4	72.4	12.6
UE	•		66.3	68.1	70.3	70.7	70.9	71.6	71.9	71.9	72.1	72.4	72.4	72.4	72.8	72.8	72.9
O.L	000.31		00.3			1011				,	,				,		
6 E	sount		70.2	72.0	74.2	74.6	74.8	75.5	75.8	75.8	76.1	76.4	76.4	76.4	76.7	76.7	76.9
GE	45001		74.4	76.5	78.8	79.3	79.5	80.2	80.5	80.5	90.8	81.2	81.2	81.2	41.5	61.5	81.6
GE	40001		78.3	80.7	83.0	83.6	83.9	84.5	84.8	84.8	85.1	85.5	85.5	85.5	85.0	85.8	85.9
	35001		80.1	83.0	85.3	85.9	96.1	87.0	87.3	87.3	A7.6	87.9	87.9	87.9	88.3	88.3	66.4
GE			82.3	85.5	87.9	88.8	89.1	90.4	91.1	91.1	91.5	91.8	91.8	91.8	92.1	92.1	92.2
O.L	30001		02.03	0343	0,147	00.0	07.1	,0.4	,	71.1	71.03	,	7.1.0	,,,,		,,,,,	,,,,,
υE	25001		A3.2	86.3	88.9	89.8	90.1	91.4	92.0	92.0	92.5	97.8	92.8	92.8	93.1	93.1	93.2
GE	20001		84.2	87.4	90.3	91.3	91.6	92.9	93.5	93.5	94.0	94.3	94.3	94.3	94.6	74.6	94.7
60	18001		84.8	88.1	91.0	91.9	92.2	93.5	94.2	94.2	94.6	94.9	94.9	94.9	95.3	95.3	95.4
νE	15001		86 • C	89.2	92.4	93.3	93.6	94.9	95.6	95.6	96.0	96.3	96.3	96.3	96.7	96.7	96.8
GE	12001		86.8	90.1	93.2	94.3	94.6	96.1	96.8	96.8	97.2	97.5	97.5	97.5	97.8	97.8	96.0
01.			3000	,,,,	, 300	, , , ,		,,,,,	,,,,	, , , ,	,,,,				,,,,,		
GE	10001		87.2	90.5	94.0	95.0	95.4	96.9	97.5	97.6	98.2	94.5	98.5	98 . 5	98.8	98.8	98.9
GE	9401		97.3	93.6	94.1	95.4	95.8	97.3	98.0	98.1	98.6	98.9	98.9	98.9	99.2	99.2	99.4
GE	ROOL		87.6	91.0	94.4	95.7	96.1	97.6	98.3	98.4	98.9	99.2	99.2	99.2	99.6	99.6	99.7
GE	7001		87.6	91.0	94.5	95.8	96.2	97.7	98.4	98.5	99.6	97.4	99.4	99.4	99.7	99.7	99.8
٦Ē	6001		87.6	91.0	94.5	95.8	96.2	97.7	98.4	93.5	99.0	99.4	99.4	99.4	79.7	99.7	99.8
٠.	00		.,,,,		, ,,,		, , ,			, , , ,	.,,,		,,,,,	,,,,	. ,		
65	5001		87.7	91.1	94.6	95.9	96.3	97.4	98.5	98.6	99.1	99.5	99.5	99.5	99.8	99.8	99.9
3.0	4001		97.7	91.1	94.6	95.9	96.3	97.8	98.5	98.6	99.1	99.5	99.5	99.5	99.8	99.8	99.9
ÚΕ	3001		87.7	91.1	94.6	95.9	96.3	97.8	98.5	98.6	99.1	99.5	99.5	99.5	99.8	99.8	99.9
GE	2301		87.7	91.1	94.6	95.9	96.3	97.8	98.5	98.6	99.1	99.5	99.5	99.5	99.8	99.8	99.9
GE	1001		87.7	91.1	94.6	95.9	96.3	97.8	98.5	98.6	99.1	99.5	99.5	99.5	99.8	99.9	100.0
	,																
GE	0.1		87.7	91.1	94.6	95.7	96.3	97.5	98.5	98.6	99.1	99.5	99.5	99.5	99.8	99.9	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PETIOU OF RECORD: 74-83 MONTH: JUL HOURS(LST): 0300-0500 CEILING VISIBILITY IN HUNDREDS OF METERS IN | GT FEET | 160 GE LE GF GE GE CE GΕ 90 60 48 40 24 20 16 12 80 10 NO CETL | 56.8 57.0 57.4 57.6 57.8 6E 200301 50.6 54.2 54.4 55.4 56.0 58.0 58.3 58.5 58.8 56.3 46.1 50.9 56.2 59.0 GE 18030 46.3 55.5 55.6 56.6 58.1 58.2 59.0 59.1 59.0 57.0 57.6 58.0 58.5 59.1 UE 160011 46.3 54.4 55.5 55.6 56 . 6 58.1 58.2 59.8 GE 120001 47.0 55.3 56.3 56.5 57.1 57.4 57.8 58.5 58.8 54.9 59.0 59.4 59.9 60.0 66 100001 53.4 53.8 58.1 58.4 58.9 59.8 60.9 61.4 59.2 63.1 57.3 60.8 61.1 61.4 úΕ 90001 48.9 58.5 59.7 60.1 61.2 62.3 62.4 GF. 80001 52.4 57.2 61.0 62.2 62.3 63.8 64.2 64 . 8 65.2 65.3 65.5 65.8 66.3 66.0 6E 70001 52.9 50.0 62.9 63.0 63.9 64.9 65.7 66.7 66.1 66.3 66.7 66.3 GF 53.1 60001 58.3 62.0 63.3 65.3 66.0 66.5 66.7 υE GE 65.6 72.0 66.9 73.3 67.7 71.1 Sport 56.3 69.6 69.9 70.0 70.2 70.5 71.3 73.2 75.4 76.5 76.6 77.8 45001 67.8 74.9 76.1 76.8 77.1 62.0 40001 65.7 75.8 77.1 77.7 77.2 79.8 78.2 78.8 79.2 81.9 90.0 80.3 90.4 80.6 81.0 81.5 61.7 74.1 78.4 80.9 A3.7 υE 35001 68.2 81.5 82.7 83.0 83.1 83.3 64.2 84.4 88.2 25001 89.8 90.9 ٥E 72.7 79.0 83.8 85.6 85.7 87.5 68.6 89.4 90.0 90.3 91.1 90.4 90.6 92.9 GE GE 20001 73.3 79.7 86.3 88.2 90.0 90.3 90.6 91.0 91.7 89.5 91.6 90.5 18001 73.5 79.9 84.6 86.5 86.6 88.4 89.0 90.2 90.9 91.2 91.7 91.9 86.7 90.5 GE 15uni 75.4 86.8 GE 12001 90.4 90.5 92.4 94.7 94.8 95.4 95.8 96.5 97.0 GE 10001 76.9 90.5 90.6 95.4 95.6 95.9 96.7 83.7 94.3 77.5 91.0 91.3 91.4 93.0 93.4 G E 9001 84.1 89.0 93.8 95.7 95.9 96.1 96.5 97.3 8001 94.2 96.3 96.6 96.9 17.4 98.2 97.7 GE 84.4 89.4 96.1 GE 7001 84.7 89.7 91.8 94.1 94.8 95.4 96.5 96.8 97.0 97.6 98.5 6E 6001 77.8 84.7 89.7 91.8 91.9 94.1 95.4 96.5 96.8 97.0 97.3 97.6 48.2 96.5 95.4 95.7 95.7 GE GE sont 77.8 91.6 97.0 97.3 97.6 98.2 96.5 84.7 89.7 91.9 94.1 94.8 96.5 96.8 90.5 4001 91.8 97.3 97.6 98.0 98.8 77.8 89.7 94.4 95.2 96.8 97.1 84.7 91.9 97.3 97.6 98.5 98.7 99.0 GΕ 3001 77.8 84.7 89.7 91.8 91.9 94.4 95.2 96.8 97.1 98.0 98.0 GE 2001 77.8 89.7 91.8 94.4 96.8 97.1 84.7 91.9 95.2 95.7 GE 1001 84.8 91.9 92.0 01 99.1 100.0 94.5 GF 78.0 91.9 95.3 95.8 96.9 97.3 97.5 92.0

TOTAL NUMBER OF DESERVATIONS: 931

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7.0

PERCENTIGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

TA	LIIOA	MUMB	ER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMAN	1					ORD: 74			
													MONTH			(LST):		
	LING		• • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •				HUNDRED			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •
	N	l G	•	GΕ	GΕ	üΕ	GE	GE	GE.	GE	GE.	GE	GE	GE	GE	GE	GE	GE
	ET	1 1		90	80	64	48	40	32	24	20	16	12	10	В	5	4	GE L
	-			_	_	•••••									_	_		_
0	CEIL	1		25.1	29.0	36.7	39.7	40.3	41.6	42.0	42.2	43.8	43.9	43.9	44.2	44.4	45.2	45.5
	2000			26.7	31.0	39.7	42.9	43.5	45.1	45.5	45.6	47.2	47.3	47.3	47.6	47.8	48.6	46.9
	1800			27.0	31.4	40.3	43.5	44.2	45.7	46.1	46.2	47.8	48.0	48.0	48.3	48.5	49.2	49.6
	1600			27.0	31.4	40.3	43.5	44.2	45.7	46.1	46.2	47.8	48.0	48.0	48.3	44.5	49.2	49.6
	1400			27.3	31.7	40.6	43.9	44.5	46.0	46.5	46.6	48.2	48.3	48.3	48.6	48.8	49.6	49.9
E	1500	01		27.4	31.8	40.9	44.1	44.7	46.2	46.7	46.8	48.4	49.5	48.5	46.8	49.4	49.8	50.1
F	1000	n i		30.3	34.9	44.5	48.0	48.6	50.1	50.5	50.6	52.4	52.5	52.5	52.9	53.2	54.0	54.3
	900			31.7	36.3	46.0	49.5	50.1	51.7	52.2	52.3	54.0	54.1	54.1	54.5	54.8	55.6	55.9
F	800			34.8	40.0	50.2	53.7	54.3	56.2	56.9	57.0	59.0	57.1	59.1	59.6	60.3	60.8	61.1
	700			35.7	41.1	51.8	55.3	55.9	57.8	58.5	58.6	60.6	67.8	60.8	61.2	61.6	62.4	62.7
Ē	600			36.0	41.5	52.3	55.7	56.3	58.3	58.9	59.0	61.1	61.2	61.2	61.6	62.0	62.8	63.1
_	000			30.0	41.5	32.3	3301	30.3	30.3	30.7	37.0	01.1	01.02	01.2	01.0	02.0	07.00	03.1
Γ	500			39.2	45.1	56.1	60.0	60.6	62.6	63.2	63.4	65.5	65.6	65.6	66.0	66.5	67.2	67.5
Ε	4531	Cl		43.7	49.8	61.5	65.4	66.1	68.5	69.1	69.4	71.4	71.5	71.5	71.9	72.4	73.1	73.4
Ε	400	ηĮ		46.6	53.3	65.5	69.7	70.4	72.9	73.5	74.0	76.0	75.1	76.1	76.6	77.3	78.1	76.4
F	350	n		49.9	57.1	69.6	74.3	75.1	77.6	78.3	78.8	A1.1	81.2	81.2	81.6	82.4	63.1	83.4
E	300	n I		52.5	59.9	72.5	77.4	78.2	81.4	82.0	82.6	84.8	85.3	85.3	85.7	86.5	87.2	87.5
_	250	n I		53.3	60.8	73.3	78.3	79.0	82.3	83.0	83.5	85.9	86.3	86.3	86.8	87.5	88.3	88.6
	2001			54.1	61.5	74.2	79.1								87.8	88.b	89.4	89.7
	180			54.3				86.0	83.2	84.0	84.5	87.0	87.4	87.4				
					61.7	74.4	79.4	80.2	83.4	84.2	84.7	87.2	87.6	87.6	88.1	*8.8	89.6	89.9
E	1500			56.2	63.9	76.9	82.2	83.1	86.7	87.6	88.3	90.9	91.3	91.3	91.7	92.5	93.2	93.5
Ε	120	11)		57.2	65.1	78.4	83.7	84.6	88.3	89.2	89.9	92.5	92.9	92.9	93.3	94.1	94.8	95.2
E	100	n i		57.4	65.3	78.8	84.5	85.5	89.1	90.1	93.8	93.5	94.1	94.1	94.5	95.3	96.0	96.3
Ε	901	οi		57.5	65.4	78.9	84.6	85.6	89.5	90.5	91.2	94.0	94.5	94.5	94.9	95.7	96.5	96.8
E	601	οĺ		57.6	65.7	79.2	84.9	86.1	89.8	90.9	91.5	94.3	94.8	94.8	95.3	96.3	96.8	97.1
Ē	701			57.6	65.8	79.4	85.1	86.5	90.1	91.3	91.9	94.7	95.3	95.3	95.7	96.5	97.2	97.5
E	601			57.6	65.8	79.4	85.1	86.5	90.1	91.3	91.9	94.7	95.3	95.3	95.7	96.5	97.2	97.5
											-							
Ε	501			57.6	65.8	79.5	65.2	86.6	90.4	91.6	92.3	95.2	95.7	95.7	96.1	96.9	97.6	98.0
E	401			57.6	65.8	79.5	85.2	86.6	90.4	91.6	92.3	95.3	95.8	95.8	96.2	97.0	47.7	98.1
£	301			57.6	65.8	79.5	85.2	46.6	90.4	91.6	92.3	95.3	95.9	95.9	96.3	97.1	98.1	96.7
E	201			57.6	65.8	79.5	85.2	86.6	90.4	91.6	92.3	95.4	96.0	96.D	96.5	97.2	98.5	99.5
E	101	0		57.6	65.8	79.5	85.2	86.6	90.4	91.6	92.3	95.4	96.0	96.0	96.6	97.3	98.6	99.8
F.		nΙ		57.6	65.8	79.5	85.2	86.6	90.4	91.6	92.3	95.4	96.0	96.0	96.6	97.3	4.80	100.0
				3/16	03.0	14.5	03.4	00.0	71704	71.0	74.3		A0.1,					*00.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STA	TION	NUMBE	R: 106140	STATI	ON NAME:	RAMS	TEIN AF	GERMANY				PEP10D Month		ORD: 74 HOURS	-87 (LST):	0900-1	100
	LING	• • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • •	• • • • • • •	VISIBILI					•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
	N	1 67	GE	GE	GE	GE	GE	GE	6F	GŁ	GE	GE	GE	GE	GE	GE	GE
_		1 16		811	รีย	48	40	32	24	20	16	12	10	8	5	4	o o
					_												
NO	CEIL	1	36.2	38.3	41.3	42.4	42.7	42.7	43.0	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3
G F	20000	1	39.7	42.1	46.1	47.3	47.6	47.6	48.D	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3
	18000		40.1	42.6	46.6	47.7	48.1	48.1	48.4	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48 . 7
	16000		40.2	42.7	46.7	47.8	48.2	48.2	48.5	48.5	48.7	48.8	46.8	48.8	48.8	48.8	48.6
	14000	-	40.5	43.0	47.0	48.2	48.5	48.5	48 . 8	48.R	49.0	49.1	49.1	49.1	49.1	49.1	49.1
	12000		41.G	43.4	47.4	48.6	48.9	48.9	49.2	49.2	49.5	49.6	49.6	49.6	49.6	49.6	49.6
		•						•									
a.F	10000	t	44.2	46.8	51.0	52.6	53.1	53.2	53.7	53.7	53.9	54.1	54.1	54.1	54.1	54.1	54.1
	9000		45.7	48.3	52.6	54.3	54.8	55.1	55.5	55.5	55.7	55.9	55.9	55.9	55.9	55.9	55.9
	8000	•	49.7	52.4	57.4	59.2	59.9	60.3	60.8	61.1	61.3	61.5	61.5	61.5	61.5	11.5	61.5
	7000	•	50.9	53.5	58.8	60.6	61.3	61.8	62.3	62.6	62.8	63.0	63.0	63.0	63.0	63.D	63.0
GE	6000		51.5	54.2	59.5	61.4	62.U	62.6	63.1	63.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9
٠.		•		• . • •	,,,,			0.00			••••	5.541					
GE	5000	ı	54.2	57.0	62.6	64.5	65.2	65.7	66.2	66.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0
GE	4500		56.2	59.2	65.2	67.2	67.8	68.5	69.U	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.0
GE	4030	•	59.8	62.9	69.5	71.5	72.3	72.9	73.4	73.8	74.3	74.5	74.5	74.5	74.5	74.5	74.5
	3500		63.5	67.4	74.7	76.9	77.6	78.3	78.9	79.4	79.9	80.1	80.1	80.1	80.1	80.1	86.1
6 E	3000	i	69.5	74.0	81.5	84.1	84.8	85.7	86.5	86.9	87.4	87.6	87.6	87.6	87.6	87.6	87.6
		•			-	111111111			1,00212.3				17.11				
GE	2500	1	71.1	75.7	83.4	86.1	86.9	87.7	88.5	88.9	89.5	89.7	89.7	89.7	89.7	89.7	89.7
ĢΕ	2000	İ	72.8	77.4	85.6	89.6	89.4	90.2	91.0	91.4	91.9	92.2	92.2	92.2	92.2	92.2	92.2
GE	1800	İ	72.8	77.4	85.6	88.6	89.4	90.2	91.0	91.4	91.9	92.2	92.2	92.2	92.2	92.2	92.2
GE	1500	1	74.4	79.6	86.1	91.2	92.0	93.1	94.0	94.5	95.1	95.3	95.3	95.3	95.3	95.3	95.3
GE	1200	l .	74.9	80.2	89.1	92.4	93.2	94.3	95.2	95.8	96.3	96.6	96.6	96.6	96.6	96.6	96.6
GE	1000	ı	75.6	81.3	90.6	94.0	94.8	95.9	96.8	97.4	98.0	98.2	98.2	98.2	98.2	98.2	96.2
SE	960	i	75.6	81.4	90.8	94.2	95.1	96.1	97.0	97.6	98.2	98.4	98.4	98.4	98.4	98.4	96.4
GE	800	1	75.6	81.4	90.8	94.2	95.1	96.1	97.0	97.6	98.2	98.4	98.4	98.4	98.4	48.4	98.4
GE	700	1	75.7	81.5	90.9	94.5	95.5	96.6	97.4	98.1	98.6	99.8	98.8	98.8	98.8	98.8	98.8
GE	630	t	75.7	81.5	91.0	94.6	75.8	97.0	97.8	98.5	99.0	99.2	99.2	99.2	99.2	49.2	99.2
GΕ	500	1	75.7	81.5	91.0	94.7	95.9	97.1	98.0	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE	400	ı	75.7	81.5	91.0	94.7	95.9	97.1	98.0	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GΕ	300	ı	75.7	81.5	91.0	94.7	95.9	97.1	98.1	98.7	99.4	99.6	99.6	99.6	99.6	99.7	99.8
GE	200	ı	75.7	81.5	91.0	94.7	95.9	97.1	98.1	98.7	99.4	99.7	99.7	99.7	99.7	99.8	99.9
υE	100	1	75.7	81.5	91.0	94.7	95.9	97.1	98.1	98.7	99.4	99.7	99.7	99.7	99.7	99.8	99.9
GE	0	1	75.7	81.5	91.0	94.8	96.0	97.2	98.2	98.8	99.5	99.8	99.8	99.5	99.8	99.9	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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-	_								GERMANY				HONTE	1: JUL		(LST):	1200-14	
	ILIN						• • • • • •		VISIBILI					• • • • • • •	• • • • • •	•••••	• • • • • • •	•••••
	IN	Ĭ.	GT	6E	GE	GE	60	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ÉÉT	- i	160	90	80	611	48	*0	32	24	20	16	12		8	5	.,,,	U.
				_									-		-	_		
NO	CEI	LI		35.4	35.9	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE	200	1001		42.2	42.8	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE	180	100		42.7	43.3	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.4
GE	160	100		42.8	43.4	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE	140	iun i		43.2	43.9	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE	120	1001		44.4	45.1	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE	100	1001		47.5	48.2	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
	90			48.2	48.8	49.5	49.8	49.8	49.9	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
	80			52.9	53.5	54.4	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.4
υE	70	100		55.3	55.9	56.8	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE	6.0	100		56.5	57.1	58.0	58.6	58.6	58.7	58.7	58.7	58.7	59.7	58.7	58.7	58.7	54.7	56.7
GE		001		61.1	61.7	62.6	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE		201		64.9	65.6	66.7	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
ÚΕ		001		70.4		72.5	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
υE		001		76.3	77.2	78.8	80.0	80.0	80.1	80.1	80.1	80.1	87.1	8D.1	80.1	PO - 1	PO-1	80.1
GE	30	1001		84.1	85.2	87.6	89.2	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE	25	100		80.0	87.1	89.8	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE	20	1001		88.7	90.1	93.0	94.7	94.7	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	18	001		88.8	90.2	93.1	94.8	94.8	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE	15	401		89.9	91.9	94.9	96.7	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
6 E	12	001		90.8	93.0	96.2	98.1	98.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE	10	1001		91.1	93.3	96.8	98.8	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	49.4	99.4
GE	9	JOI		91.1	93.3	96.9	99.0	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	8	001		91.1	93.3	97.0	99.1	99.2	99.4	99.5	99.7	99.7	99.7	97.7	99.7	99.7	99.7	99.7
ίE	7	100		91.1	93.3	97.0	99.1	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	6	100		91.1	93.3	97.0	99.1	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		on		91.1	93.3	97.0	99.1	99.2	99.4	79.5	99.7	170.0	100.0	100.0	100.0	100.0	100.0	100.0
6 E		001		91.1		97.0	99.1	99.2	99.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G f.		001		91.1	93.3	97.0	99.1	99.2	99.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	_	001		91.1	93.3	97.0	99.1	99.2	99.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0		100.0
GE	1	100		91.1	93.3	97.0	99.1	99.2	99.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		01		91.1	93.3	97.0	99.1	99.2	99.4	99.5		100.0						100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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STA	TION	NU	HBER:	106140	STATI	ON NAME:	PAMS	TEIN AB	GERMAN	Y				O OF REC			1500-13	700
			• • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • •					S OF ME		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••
	LING	' 1	GT	GE	GE	GE	GΕ	6E	GE A 1 2 1 B 1 C	6E	GE	GE	GE	GE	GE	GE	GE	GE
	ET	•	160	90	80	6u	48	40	32	24	20	16	12		8	5	4	GE
N O	CEIL	. 1		36.5	36.6	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
								04.3		46.2		46.2	45.2				46.2	
-	2000	-		45.6 46.0	45.7	46.2	46.2	46.2	46.2	46.7	46.7	46.7	46.7	46.2	46.7	46.2	46.7	46.7
	1000				46.1	46.7	46.7											
	1600			46.2	46.3	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
-	1400			46.3	46.5	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
ĢE	1200	101		47.3	47.4	48.0	48.D	46.0	48.0	48.0	48.D	48.0	48.0	48.D	48.D	48.0	48.0	48.0
GF	1003	n i		50.9	51.0	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
ĞΕ̈́	900			52.6	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE	800	•		56.8	57.0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
SE	700			58.7	58.9	60.0	60.0	60.D	60.0	63.0	60.0	60.0	60.0	60.0	60.0	60.0	60.D	66.0
GE	600			60.3	60.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
CE	000			0013	00.3	01.1	01.1	0101	01.01	0111	0111	011	01.	0141	01.	0111	0	01.
GE	500	01		65.6	65.6	67.U	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE	450	n I		69.7	70.0	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE	400	01		76.5	76.8	78.3	78.8	76.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE	350	oi		82.0	82.4	84.1	84.6	84.6	84.7	84.7	84.7	94.7	84.7	84.7	84.7	84.7	84.7	84.7
GE	300	10		89.8	90.1	92.3	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
													0.5	100		120		
GΕ	25J			91.8	92.2	94.3	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
G E	200			94.1	94.5	96.7	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	180			94.3	94.7	96.9	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	150			94.9	95.4	97.6	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE	120	01		95.3	95.7	98.0	98.7	96.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	100	n I		95.5	95.9	98.5	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	90			95.5	95.9	98.6	99.5	99.5	97.6	99.6	99.6	99.7	97.7	99.7	99.7	99.7	99.7	99.7
GE	80			95.5	95.9	98.6	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	70			95.5	95.9	98.7	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	60			95.5	95.9	98.7	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
U L	00	111		73.3	73.7	70.1	99.0	77.0	7741	7741	77.1	77.0	77.0	77.0	77.0	77.0	7740	77.0
GE	50	01		95.5	95.9	98.7	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	40	01		95.5	95.9	98.7	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	30			95.5	95.9	98.7	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		οi		95.5	95.9	98.7	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GĒ	10			95.5	95.9	98.7	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		01		95.6	96.4	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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STATION NUMBE	R: 106140	STATI	ON NAME:	RAMSTEIN AB GERMANY											
										MONTE	1: JUL	HOURS	(LST):	1500-20	300
CEILING VISIBILITY IN HUNDREDS OF METERS															
	GE		GF	GE		GE	GE	GE	GE	GE	GE	GE	GE	GE	4.5
IN ! G1 FEET 16		GE BU	60	48	6E 4D	32	24	20	16	12		8	5	GE 4	JE ن
												-	•	-	-
•••••	•••••	• • • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	• • • • • •	• • • • • • • • • • • • • • • • • • • •
NO CEIL	42.9	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE ZUNDOL	51.5	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 18000]	52.5	52.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 160001	52.7	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 140001	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 120001	53.2	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
UE 100001	58.0	58.0	58.4	58.4	56.4	58.4	58.4	58.4	58.4	59.4	58.4	58.4	58.4	58.4	58.4
GE 90001	60.1	60.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	66.8
GE 80001	65.7	65.7	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.N	67.0	67.0	67.0
GE 70001	67.4	67.4	68.7	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 60001	68.6	68.6	69.9	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 50001	73.8	73.6	75.1	75.4	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 45001	78.3	78.5	79.8	80.1	80.1	80.3	80.4	80.4	90.4	80.4	80.4	80.4	80.4	80.4	60.4
GE 40001	83.2	83.4	85.1	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 35001	88.6	88.8	90.5	90.9	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 30001	92.2	92.4	94.2	94.6	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500]	93.7	93.9	95.8	96.2	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	94.5	94.7	96.8	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1600)	94.6	94.8	96.9	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	95.4	95.6	97.7	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 12001	95.5	95.8	98.1	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
6E 1000	95.5	95.8	98.4	98.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 9001	95.5	95.8	98.4	98.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE BON!	95.5	95.8	98.4	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 7301	95.6	95.9	98.6	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
0E 6001	95.6	95.9	98.6	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE SODI	95.6	95.9	98.6	99.2	99.2	99.9	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4001	95.6	95.9	98.6	99.2	99.2	99.9	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3001	95.6	95.9	98.6	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2UNI	95.6	95.9	98.6	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
GE 1001	95.6	95.9	98.6	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0
űE Ol	95.6	95.9	98.6	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 74-83
MONTH: JUL HOURS(LST): 2100-2300 STATION NUMBER: 136143 STATION NAME: RAMSTEIN AB GERMANY

											HONTH			(LST):		
EILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • • •			HUNDREDS			• • • • • • •	• • • • • • •	• • • • • • •		
IN	61	GE	GŁ	GE	GE	G€	GE	GE	GE	GE	SE	GŁ	GE	G€	GE	GE
EET I	160	90	60	60	48	40	32	24	20	16	12	10	8	5	4	U
•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •
0 CEIL		51.7	52.4	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.1
		3	32.07	,,,,,	3	32.07	32.07	,,,,	2007		32.0	,,,,,	33.00	,,,,		,,,,
200001		57.4	58.2	58.7	58.7	56.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.2
18000		58 · D	58.7	59.2	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59 +8
160001		58 . 1	58.8	59.4	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.9
E 140001		58.3	59.0	59.6	59.6	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.1
120001		58.7	59.6	60.1	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.5	63.5	60.5	66.6
100001		61.7	62.7	63.3	63.4	63.7	63.8	63.8	63.8	63.8	67.8	63.9	63.9	63.9	63.9	64.4
9000		62.8	63.8	64.5	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.3
80001		66.9	68.1	69.4	69.6	69.8	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.1
7000		68.1	69.2	70.8	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.8	71.0	71.8	71.8	71.9
60001		69.2	70.4	71.9	72.5	72.7	72.9	72.9	72.9	72.9	72.9	73.D	73.0	73.0	73.0	73.1
. 00001		0,00														
Sount		74.7	75.9	77.5	78.1	78.3	78.7	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.2
45001		78.5	79.8	81.5	82.2	82.4	82.8	83.1	83.1	83.1	83.1	83.2	83.2	83.2	63.2	83.3
40001		83.8	85.3	87.2	87.8	88.1	88.5	88.8	8.88	86.8	88.8	88.9	88.9	88.9	88.9	89.4
35001		85.3	87.0	89.0	89.9	90.1	90.6	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.2
30001		87.7	89.8	92.2	93.2	93.4	94.2	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.7
25001		88.7	90.8	93.2	94.3	94.5	95.4	95.7	95.7	95.7	95.7	95.6	95.8	95.8	95.8	95.7
2000		89.2	91.4	94.0	95.1	95.3	96.1	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.7
10001		89.7	91.8	94.5	95.7	95.9	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.3
1500		90.5	92.8	95.7	96.9	97.1	98.0	98.3	98.3	98.3	99.3	98.4	98.4	98.4	98.4	98.5
12001		90.6	92.9	95.9	97.1	97.3	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.8
		,0.0	, ,			,,,,	,,,,	,,,,	,,,,		,,,,	,	,,,,,			, , ,
10001		90.9	93.2	96.2	97.5	97.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7
900		91.0	93.3	96.3	97.6	97.8	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8
1008		91.1	93.4	96.5	97.7	98.0	99.4	99.7	99.7	79.7	99.7	99.8	99.8	99.8	99.8	99.9
E 709		91.1	93.4	96.6	97.8	98.1	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
6001		91.1	93.4	96.6	97.8	98.1	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
5001		71.1	93.4	96.6	97.8	98.1	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.3
4001		91.1	93.4	96.6	97.8	98.1	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
3001		71.1	93.4	96.6	97.8	98.1	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
2001		91.1	93.4	96.6	97.8	98.1	99.5	99.8	99.8	99.8	99.5	99.9	99.9	99.9	99.9	100.0
1001		91.1	93.4	96.6	97.8	98.1	99.5	99.8	99.8	99.5	99.8	99.9	99.9	99.9	99.9	100.0
									1010 5 5			1				
E ni		91.1	93.4	96.6	97.8	98.1	99.5	99.8	99.8	99.8	99.5	99.9	99.9	99.9	99.9	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	NOITA	NUMBER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMAN	Y			PERIOD	OF REC	ORD: 74	-83		
												HONTH	: JUL	HOURS	(LSTI:	ALL	
	LING	• • • • • • •	•••••		• • • • • • • •	• • • • • •	•••••	VISTBIL	IIY IN	HUNDRED	S OF ME	TERS	•••••	• • • • • • •	• • • • • • •	• • • • • •	•••••
	IN	1 GI	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	6 E
	ET	160	90	8 J	60	48	40	3 2	24	20	16	12	10	8	5	4	้อ
												• • • • • •					
																100	- 52
NO	CEIL	í	40.9	42.5	44.7	45.3	45.5	45.8	45.9	46.0	46.4	46.4	46.5	46.5	46.6	46.8	46.8
	20000		45.9	47.7	50.1	50.9	51.1	51.4	51.6	51.6	52.0	52.1	52.1	52.1	52.3	52.4	52.5
	18000		46.3	48.1	50.6	51.4	51.5	51.9	52.0	52.1	52.4	52.5	52.6	52.6	52.7	52.9	53.0
	16000		46.4	48.2	50.7	51.4	51.6	52.0	52.1	52.2	52.5	52.6	52.7	52.7	52.8	53.0	53.1
	14000		46.7	48.5	51.0	51.7	51.9	52.3	52.4	52.5	52.8	52.9	53.0	53.0	53.1	53.3	53.4
GE	12000)	47.2	49.6	51.5	52.3	52.5	52.8	53.0	53.0	53.4	53.5	53.5	53.6	53.7	53.8	53.9
	10000		50.1	52.0	54.6	55.5	55.7	56.1	56.3	56.4	56.7	56.8	56.8	56.9	57.1	57.2	57.3
	9000		51.3	53.2	55.9	56 · B	57.D	57.4	57.6	57.6	58.0	58.1	58.1	58.2	58.3	58.5	58.6
GE	8000		55.6	57.6	60.8	61.8	62.0	62.5	62.7	62.8	63.2	63.4	63.4	63.5	63.6	63.8	63.9
GE	7000 6000		56.9 57.7	59.U 59.8	62.3	63.4	63.6	64.1 65.0	64.4	64.5	64.9	65.9	65.1	65.1	65.3	66.3	65.5
O E	6000	,,	31.1	37.8	63.2	04.3	04.5	03.0	03.3	P. CO	03.0	00.7	00.0	00.0	00.4	00.3	00.4
GE	5000	11	61.9	64.1	67.6	68.7	69.0	69.6	69.9	70.0	70.4	70.5	70.6	70.7	70.8	71.0	71.0
GE			66.0	68.4	72.1	73.3	73.5	74.2	74.6	74.7	75.1	75.2	75.2	75.3	75.5	75.6	75.7
GE	4000	i	70.5	73.1	77.1	78.4	78.7	79.4	79.7	79.8	80.3	80.4	80.5	80.5	80.7	80.9	81.0
GE	3500	1	74.2	77.1	81.3	82.8	83.0	83.6	84.1	84.3	84.8	84.9	84.9	85.0	85.2	85.4	85.5
GE	3000	3 1	78.7	81.8	86.3	88.1	88.3	89.4	89.8	90.0	90.5	90.6	90.7	90.7	90.9	91.1	91.2
			11-1		72.0		111-2	22.2	9. 1	42.	2012			54.	11.		90.00
GE	2500		80.1	83.2	87.8	89.6	89.9	90.9	91.3	91.5	92.0	92.2	92.2	92.3	92.5	92.6	92.7
GE	1800	•	81.4 81.6	84.6	89.4	91.2	91.5	92.6 92.8	93.U 93.3	93.2	93.7 94.0	93.9	93.9	94.0	94.2	94.3	94.4
GE	1500		82.8	86.3	91.3	93.2	93.5	94.6	95.1	95.3	95.9	96.0	96.1	96.1	96.3	96.5	96.6
GE	1200		83.5	87.1	92.2	94.2	94.5	95.7	96.1	96.4	96.9	97.1	97.1	97.2	97.4	97.5	97.6
		· •		• • • • •	,	, , ,		,,,,,									0.45
GE	1000	1	83.7	87.4	92.7	94.8	95.2	96.4	96.9	97.2	97.8	98.0	98.0	98.1	98.3	98.4	96.5
ĿΕ	900		83.8	87.5	92.9	95.0	95.4	96.7	97.2	97.4	98.1	98.2	98.3	98.3	98.5	98.7	96.8
G E	690		83.9	87.6	93.0	95.2	95.6	96.9	97.4	97.6	98.3	98.4	98.5	98.5	98.7	98.9	99.0
6 E	730		84.0	87.7	93.2	95.4	95.8	97.1	97.6	97.9	98.5	99.7	98.7	98.8	99.0	99.2	99.3
GE	600))	84.0	87.7	93.2	95.4	95.8	97.2	97.7	97.9	98.6	98.7	98.8	98.9	99.0	99.2	99.3
GE	500	1.1	84.0	87.7	93.2	95.4	95.9	97.2	97.7	98.0	98.7	98.9	98.9	99.0	99.2	99.4	99.5
GE	400		84.0	27.7	93.2	95.4	95.9	97.3	97.8	98.0	98.8	98.9	99.0	99.1	99.2	99.4	99.5
GE	300	*	84.0	37.7	93.2	95.4	95.9	97.3	97.8	98.1	98.8	99.0	99.0	99.1	99.3	99.5	99.7
GE	200	1	84.0	87.7	93.2	95.4	95.9	97.3	97.8	98.1	98.8	99.0	99.0	99.1	99.3	49.6	99.8
ΰE	100	1	84.0	87.7	93.2	95.4	95.9	97.3	97.8	98.1	98.8	99.0	99.1	99.2	99.3	99.6	99.9
					61.		125-91			800.		10.41	100				
U E		11	84.0	87.7	93.2	95.5	95.9	97.3	97.8	98.1	98.8	99.0	99.1	99.2	99.4	99.7	100.0
• • •	••••	••••••	• • • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •

TOTAL NUMBER OF OBSERVATIONS: 7439

THE PERSON NAMED IN COLUMN TWO IS NOT THE

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 106	140 STATION NAME:	RAMSTEIN AB	GERHANY

STA	TION N	IUMBER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERHAN	,			PERIOD HONTH	OF REC	ORD: 74 Hours	-8.7 (LST): (
	LING		•••••		• • • • • • • •	• • • • • •		VISIBIL					•••••	• • • • • • •	• • • • • • •	• • • • • •	•••••
1		GT	GE	GE	GE	GE	6E	GE	GE	GE.	GE	GE	GE	GE	ĜΕ	GŁ	GE
		160	90	80	60	48	40	32	24		16	12		8		4	ü
					• • • • • • •						_				-	-	
•••																	
NO	CETL		53.7	56.U	59.5	60.3	66.8	61.4	61.4	61.5	61.8	62.0	62.0	62.2	63.0	63.4	63.8
GΕ	200001		56.8	59.8	63.5	64.6	65.1	65.8	65.8	65.9	66.2	66.5	66.5	66.6	67.5	68.0	66.3
	18000		57.0	60.0	63.8	64.0	65.3	66.0	66.0	66.1	66.5	66.7	66.7	66.8	67.7	68.2	68.5
6E	160001		57.0	60.0	63.8	64 .	65.3	66.0	66.0	66.1	66.5	66.7	66.7	66.8	67.7	68.2	68.5
GE	140001		57.2	60.2	64.0	65.1	05.5	66.2	66.2	66.3	66.7	66.9	66.9	67.0	68.0	68.4	68 . 7
GE	120001		58.D	61.0	64.8	65.4	56.3	67.1	67.1	67.2	67.5	67.7	67.7	67.8	68.8	69.2	69.6
	100001		59.8	62.8	67.0	68.1	· 5	69.4	69.4	69.5	69.8	70.0	70.U	70.1	71.1	71.5	71.8
GE	90001		60.6	63.7	67.8	68.9	6 4	70.2	70.2	70.3	70.6	70.9	70.9	71.0	71.9	72.4	72.9
ĢΕ	8000		64.0	67.3	71.8	72.9	73.3	74.2	74.2	74.3	74.7	74.9	74.9	75.1	76.0	76.5	77.2
	7000		64.5	67.8	72.4	73.5	74.0	74.8	74.8	74.9	75.4	75.6	75.6	15.7	76.7	77.1	77.8
GE	60001		64.9	68.4	72.9	74.1	74.5	75.4	75.4	75.5	75.9	76.1	76.1	76.2	77.2	77.6	78.4
										211					22.00		100
GE	5000		67.6	71.1	76.U	77.2	77.6	78.5	78.5	78 . 6	79.0	79.2	79.2	79.5	80.4	81.1	81.8
GE	45001		71.7	75.3	80.5	81.7	82.2	83.0	83.0	03.1	P3.5	83.8	83.8	84.0	84.9	65.6	86.3
UΕ	40001		75.2	78.8	84.3	85.5	85.9	86.9	86.9	87.0	87.5	87.7	87.7	88.0	88.9	69.6	90.3
GE	35301		76.1	79.8	05.3	86.5	86.9	87.8	87.8	88.0	88.5	89.7	88.7	88.9	89.9	90.5	91.3
UŁ	30001		77.6	81.5	87.5	89.0	89.5	90.8	91.1	91.2	91.7	91.9	91.9	92.2	93.1	93.8	94.6
υE	25001		78.1	61.9	88.1	89.6	98.0	91.3	91.6	91.7	92.3	92.5	92.5	92.7	93.7	94.3	95.2
GE	2000		78.7	82.7	88.8	90.3	90.8	92.0	92.4	92.5	93.0	93.2	93.2	93.4	74.4	95.1	95.9
GE	1800		19.0	83.0	89.1	90.6	91.1	92.4	92.7	92.9	93.4	93.7	93.7	93.9	94.8	95.5	96.3
GE	15001		79.8	84.2	90.4	92.3	92.7	94.4	94.7	95.2	95.8	96.0	96.0	96.2	97.2	97.8	98.7
GE	12001		79.8	84.3	90.5	92.4	92.8	94.5	94.8	95.3	95.9	96.1	96.1	96.3	97.3	98.0	96.8
										,,,,	•••						
GE	10001		79.9	84.4	90.6	92.5	92.9	94.6	94.9	95.5	96.2	96.5	96.5	96.7	97.6	98.3	99.1
G E	9001		79.9	84.4	90.6	92.5	92.9	94.6	94.9	95.5	96.2	96.5	96.5	96.7	97.6	98.3	99.1
GE	8001		79.9	84.5	90.9	92.7	93.1	94.8	95.2	95.7	96.5	96.7	96.7	96.9	97.8	98.5	99.4
ÚΕ	7001		79.9	84.5	96.9	92.7	93.1	94.5	95.2	95.7	96.5	96.7	96.7	96.9	97.8	98.5	99.4
6E	6001		79.9	84.5	90.9	92.7	93.1	94.9	95.3	95.8	96.6	96.8	96.8	97.0	98.0	98.6	99.5
GE	500		79.9	84.5	90.9	92.7	93.1	94.9	95.3	95.8	96.6	96.8	96.8	97.0	98.0	98.6	99.5
GE	460		79.9	84.5	90.9	92.7	93.1	94.9	95.3	95.8	96.6	96.8	96.8	97.0	98.0	98.6	99.5
GΕ	3001		79.9	84.5	90.9	92.7	93.1	94.9	95.3	95.8	96.6	96.8	96.8	97.0	98.0	48.6	99.5
G E	รกบ		79.9	84.5	90.9	92.7	93.1	94.9	95.3	95.8	96.6	96.8	96.8	97.0	98.0	98.6	99.5
GE	100		79.9	84.5	90.9	92.7	93.1	94.9	95.3	95.8	96.6	96.8	96.8	97.0	98.0	98.6	99.5
			30.0		00.0			0.0	05 7			04 *	24 0	07.5			100 0
Ġ€	01		79.9	84.5	90.9	92.7	93.1	94.9	95.3	95.8	96.6	96.8	96.8	97.0	98.1		100.0
• • •	• • • • • •	• • • • • •				• • • • • •		• • • • • • • •	• • • • • •	• • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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4.

AIR WEATHER SERVICE/HAC

PERIOD OF RECORD: 74-87 STATION NUMBER: 106140 STATION NAME: RAMSIEIN AB GERMANY MONTH: AUG HOURS(LST): 6300-0500 CEILING VISIBILITY IN HUNDREDS OF METERS GE 90 GE 48 GE 40 GE 32 GE 24 GE GE GE FEET 1 160 60 20 16 10 5 នប 12 8 U NO CETL 1 43.9 56.9 63.4 50.0 57.2 58.8 62.8 56 . U 58.6 58.6 63.5 63.5 63.5 UE 200001 63.9 51.5 57.7 60.9 63.9 64.9 66.6 GE 18000 51.5 60.9 63.9 63.9 66.6 GE 160001 45.4 51.5 57.7 58.6 59.1 60.9 61.6 61.7 63.5 64.9 65.7 63.7 63.7 58.7 59.2 61.7 64.0 65.1 65.8 GE 140001 45.5 51.6 57.8 61.0 61.8 64.U 46.3 61.2 61.7 63.4 64.0 67.5 GE 100001 47.8 54.1 54.5 57.5 60.3 61.7 64.3 66.6 67.1 70.6 66.6 67.1 70.6 64.4 66.2 64.9 90001 48.3 60.9 62.3 64.8 66.8 66.8 68.4 69.2 72.8 7U.1 73.7 6E 80001 51.2 65.2 64.5 7000 51.5 70.6 70.6 6E 60001 51.6 68.0 68.9 70.8 70.8 71.1 74.1 67.4 70.3 53.2 55.7 68.2 71.2 74.6 69.9 73.4 77.0 74.7 78.3 snoot 59.7 70.8 70.9 72.8 72.8 73.1 GE 45001 62.5 69.5 74.1 74.3 76.3 76.3 76.7 79.1 80.1 40001 80.3 80.6 81.0 GE 6.F 35001 59.6 74.5 75.5 76.3 78.6 79.6 79.8 82.0 82.0 82.4 82.8 84.2 85.1 86.4 GE 30001 83.9 86.8 90.5 61.5 82.4 86.5 86.5 87.5 87.5 6E 25001 69.4 70.3 78 • 4 79 • 5 79.5 80.9 80.4 83.4 84.9 85.2 87.8 89.4 88.3 A9.7 90.5 92.0 86.6 GE 20001 62.9 86.3 89.0 89.0 89.8 91.2 93.1 90.0 GF 18001 63.3 70.6 8U-1 81.5 82.5 85.5 87.0 89.7 89.7 90.4 91.8 92.7 93.0 91.7 92.0 95.8 92.5 93.9 94.7 L F 15301 64.1 71.8 81.6 83.3 84.3 87.3 88.8 89.2 91.7 93.2 93.4 93.4 94.0 94.2 90.4 10001 64.7 90.0 95.4 97.4 GE 72.7 84.3 85.3 88.5 82.6 88.7 93.8 93.8 96.6 72.9 72.9 82.8 90.2 93.4 95.6 97.6 ١E 9001 64.6 84.5 85.5 94.2 96.6 8001 84.5 85.5 90.6 GE 64.8 7001 73.U 85.6 6E GE 6001 90.6 94.0 89.1 90.6 90.8 91.1 94.0 94.3 94.7 96.1 96.2 97.1 97.2 98.2 98.3 5401 82.9 93.0 84.6 85.6 73.1 6E 4001 64.9 73.1 83.0 89.2 90.9 91.3 94.3 94.3 94.6 95.1 96.5 97.4 90.5 GE 3001 54.9 84.7 85.7 GE 200 73.1 83.0 84.7 85.7 89.2 90.9 91.3 94.3 94.1 94.6 95.1 96.5 97.4 98.7 97.5 94.3 94.3 95.1 99.2 GΕ 1001 73.1 83.0 85.7 89.2 90.9 91.3 90.5 GE 01 73.1 63.0 84.7 89.2 90.9 91.1 94.5 94.5 94.8 95.4 96.9 98.3 100.0

TOTAL NUMBER OF OBSERVATIONS: 930

ar week

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 74-83 MCNTH: AUG HOURS(LST): 0600-0800 STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY

CEI	LING	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		v ISIBIL					• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
	N I	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GŁ	6£	GE	GE	GE	υE
	ET I	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
• • •		• • • • •								• • • • • • •							
CM	CEIL		25.6	30.2	37.∠	39.7	40.2	43.2	44.9	45.7	47.6	49.2	48.3	48.5	49.7	50.5	51.5
GE	200001		28.0	32.8	40.4	43.0	43.5	46.8	48.5	49.6	51.7	52.4	52.6	52.9	54.2	55.3	56.5
	180301		28.0	32.8	40.4	43.0	43.5	46.8	48.5	49.6	51.7	52.4	52.6	52.9	54.2	55.3	56.5
GE	160001		28.0	32.8	40.4	43.D	43.5	46.8	48.5	49.6	51.7	52.4	52.6	52.9	54.2	55.3	56.5
GE	140001		20.0	32.8	40.6	43.2	43.8	47.0	48.7	49.8	51.9	52.6	52.8	53.1	54.4	55.5	56.7
űΕ	150001		26.7	33.5	41.4	44.1	44.6	48.0	49.7	50.8	52.9	53.5	53.8	54.1	55.4	56.5	57.7
6 E	100301		30.0	35.4	43.9	41.6	47.1	50.8	52.5	53.5	55.7	56.5	56.7	57.0	58.3	59.4	64.6
G F.	90001		30.2	35.6	44.2	4/.1	47.6	51.3	53.0	54.2	56.3	57.1	57.3	57.6	58.9	60.0	61.3
GE	80001		33.0	38.8	48.0	51.2	51.8	55.5	57.2	58.4	60.9	61.6	61.9	62.3	63.7	64.7	66.1
6 E	70001		33.4	39.6	48.8	52.0	52.7	56.5	58.2	59.4	62.0	62.8	63.1	63.5	64.9	66.0	67.4
6E	60001		33.4	39.9	49.1	52.4	53.0	56.8	58.5	59.7	62.4	63.1	63.4	63.7	65.3	66.3	67.8
66	Souol		34.9	41.4	51.0	54.6	55.3	59.1	61.2	62.5	65.2	65.9	66.2	66.7	68.1	69.1	70.6
GE	45001		37.1	43.9	53.7	57.4	58.1	62.4	64.5	65.8	68.6	69.4	69.7	70.1	71.5	72.6	74.2
GE	40001		39.8	47.1	57.4	61.7	62.4	66.8	68.7	70.2	73.2	74.0	74.4	74.8	76.2	77.3	78.9
GE	35001		41.8	49.6	59.9	64.3	65.2	69.6	71.8	73.2	76.6	77.3	77.7	78.2	79.6	80.6	82.3
G€	30001		44.2	52.U	62.9	67.3	68.4	73.0	75.6	77.2	81.1	81.8	82.3	82.7	84.1	85.2	87.0
GE	25301		44.8	52.7	63.5	68.3	69.0	73.7	76.2	77.8	81.7	82.5	82.9	83.3	84.7	85.8	87.6
6 E	2000		45.4	53.4	64.7	69.4	70.4	75.1	77.8	79.5	A3.4	84.2	84.6	85.1	86.5	87.5	89.4
ĿΕ	18001		45.9	54.0	65.3	69.9	71.0	75.6	78.4	80.0	84.D	84.7	85.2	85.6	87.0	88.1	89.9
GE	15001		47.5	55.7	67.7	72.5	73.8	78.6	81.5	83.3	87.4	84.2	85.6	89.0	90.4	91.5	93.3
GE	1500		48.0	56.1	68.5	73.1	74.4	79.7	82.3	84.1	68.4	89.1	89.6	90.0	91.4	92.5	94.3
úΕ	10001		48 - 1	56.2	68.5	73.5	74.8	79.8	82.8	84.6	89.1	89.9	90.4	91.1	92.5	93.5	95.4
GE	9001		48.1	56.2	68.5	73.8	75.1	80.1	83.1	84.9	89.5	90.2	70.8	91.4	92.8	93.9	95.7
υE	8001		48.3	56.7	68.9	74.2	75.5	80.5	83.5	85.4	90.0	90.8	91.3	92.D	93.4	94.5	96.3
6 E	7001		48.4	56.8	69.0	74.6	75.9	81.0	84.0	85.8	90.4	91.2	91.7	92.5	93.9	94.9	96.8
GE	enul		48.5	56.9	69.4	74.9	76.2	81.4	84.5	86.5	91.1	91.8	92.4	93.1	94.5	95.6	97.4
CE	500		48.5	56.9	69.4	74.9	76.2	81.5	84.6	86.6	91.2	91.9	92.5	93.2	94.6	95.7	97.5
GE	4001		48.5	56.9	69.4	74.9	76.2	81.5	84.6	86.6	91.2	91.9	92.5	93.2	94.6	95.7	97.5
υE	3001		48.5	56.9	69.4	74.9	76.2	81.5	84.6	86.6	91.2	91.9	92.6	93.3	94.7	95.8	97.6
GE	5001		48.5	56.9	69.4	74.9	76.2	81.5	84.6	86.6	91.2	91.9	92.7	93.4	94.8	95.9	98.1
GE	1001		48.5	56.9	69.4	74.9	76.2	81.5	84.6	86.6	91.3	92.0	92.8	93.5	95.2	96.7	99.8
68	ΠĮ		48.5	56.9	69.4	74.9	76.2	81.5	84.6	86.6	91.3	92.0	92.8	93.5	95.2	96.9	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUFLY OBSERVATIONS

STATION NUMBER:	106140	STATION N	AME: RAMS	TEIN AB	GERHANY	•			PERIOD MONTH	OF REC		-83 (LST):	U9UD-11	00
CEILING	• • • • • • • •	• • • • • • • •	•••••		VISIBILI					• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • •
IN I GT	GE	GE G	E GE	6E	GE	GΕ	GE.	GE	GE	GE	GE	GE	GE	GE
FEET 160	90		60 48	40	32	24	20	16	12	10	8	5	4	Ü.
NO CEIL !	29.6	33.3 40	.5 43.3	43.7	44.6	45.1	45.2	45.6	45.6	45.6	45.7	45.8	46.D	46.0
GE 200001			.4 48.4	49.1	50.1	50.9	50.9	51.3	51.3	51.3	51.4	51.5	51.8	51.8
0E 14000			.6 48.6	49.4	50.3	51.0	51.1	51.5	51.5	51.5	51.6	51.7	52.0	52.0
GE 16000 GE 14000			.6 49.6	49.5 50.3	50.4 51.3	51.1 51.9	51.2 52.0	51.6	51.6 52.5	51.6 52.5	51.7 52.6	51.8 52.7	52.2 53.0	52•2 53•0
GE 120001	-		.4 50.4	51.2	52.2	52.8	52.9	53.3	53.3	53.3	53.4	53.5	53.9	53.9
05 155001	33.1	30.0 41	• • 50 • •	31.02	32.0	32.0	32.7	33.3	23.3	33.3	33.4	3343	23.7	33.7
GE 100001	37.3	41.5 50	.3 53.3	54.1	55.1	55.7	55.8	56.3	56.3	56.3	56.5	56.6	57.0	57.0
GE 90001			.0 54.1	54.8	55.3	56.5	56.6	57.1	57.1	57.1	57.2	57.3	57.7	57.7
GE 80001			.7 56.8	57.5	58.5	59.1	59.2	60.0	60.0	60.0	60.1	60.2	60.6	60.6
GE 7000}	40.8	45.3 55	.1 58.4	59.1	60.1	60.8	60.9	61.6	61.6	61.6	61.7	61.8	62.3	62.3
GE 60001	41.2	45.8 55	.6 58.9	59.7	60.6	61.3	61.4	62.2	62.2	62.2	62.3	62.4	62.8	62.8
GE SOUD!			.3 61.9	62.8	64.2	65.1	65.2	65.9	65.9	65.9	66.0	66.1	66.6	66.6
GE 45001			.2 64.8	65.7	67.2	68.1	68.2	68.9	68.9	68.9	69.0	69.1	69.6	69.6
GE 40001			.8 69.9	70.8	72.4	73.2	73.3	74.2	74.2	74.2	74.3	74.4	74.6	74.8
GE 35001			.3 72.6	73.5	75.6	76.5	76.6	77.5	77.5	77.5	77.6	77.7	78.3	78.3
GE 3000	55.3	61.2 72	.4 77.4	78.4	80.9	51.8	85.0	83.2	83.2	83.2	83.4	83.5	64.1	84.2
GE 25001	56.3	62.4 73	.7 78.8	79.8	82.3	83.4	83.7	84.8	84.5	84.8	85.1	85.2	85.7	85.8
GE 20001			.2 81.5	82.5	84.9	26.2	86.5	87.8	87.8	87.8	88.1	88.2	88.7	88.8
GE 18001			.6 61.8	82.8	85.3	86.7	86.9	88.3	89.3	88.3	88.5	R8.6	89.1	69.2
GE 15J01			.3 85.8	86.9	89.6	91.1	91.3	92.7	92.7	92.7	92.9	93.3	93.5	93.7
GE 12001			.9 87.4	88.5	91.2	92.8	93.1	94.7	94.7	94.7	94.9	95.1	95.6	95.7
GE 1000	62.8	69.5 82	.4 88.0	89.0	91.7	93.3	93.9	95.8	95.8	95.8	96.0	96.1	96.7	96.6
GE 900			.4 88.1	89.1	91.6	93.4	94.0	95.9	95.9	95.9	96.1	96.2	96.8	96.9
GE 800	-	-	.6 88.5	89.6	92.4	94.1	94.6	96.9	96.9	96.9	97.1	97.2	97.7	97.8
GE 7001			.9 88.8	85.9	92.7	94.5	95.1	97.4	97.4	97.4	97.6	97.7	98.3	96.4
GE 6001	63.1	70.1 83	.1 89.0	90.1	92.9	94.7	95.3	97.7	97.7	97.7	98.0	98.1	98.6	98.7
GE 5001		70 1 87		01	0.7 .7	C# 0	95.5	00 1				00 4	0.0	00.0
GE 4001		70.1 83 70.1 83	*1 89.0	90.1	93.0 93.0	94.9	95.6	98.1	98.1	98.1	98.3 98.4	98.4	98.9 99.0	99.U 99.1
GE 3001		70.1 83		90.1	93.0	94.9	95.6	98.2	98.3	98.3	98.5	98.6	99.1	99.2
GE 5701		70.1 83		90.1	93.0	94.9	95.6	98.3	98.5	98.5	98.7	98.8	99.4	99.5
6E 100		70.1 83		90.1	93.0	94.9	95.6	98.3	98.5	98.6	98.8	98.9	99.7	99.9
										.,,,,,				
GE ni	63.1	70.1 83	•1 89•U	90.1	93.0	94.9	95.6	98.3	98.5	98.6	98.8	98.9	99.8	100.0

PERCENTAGE FREQUENCY OF OCCUMPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION	NUMBER	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMANY				PERIOL	OF REC		-83	13/0-14	10
														-	-	
CFILING							VISIBILI	TY IN	HUNDRED	S OF ME	TERS					
IN	l GT	GE	GE	GE	GE	ĢΕ	GΕ	GE	GΕ	GE	GE	GE	GE	GL	GE	GE
FEET	1 160	9	80	60	48	40	32	24	20	16	12	10	8	5	4	Ü
NO CEIL	. 1	39.4	40.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 2000		46.6	47.8	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 1800		46.7	48.0	49.1	49.4	49.4	49.4	49.4	49.4	49.4	47.4	49.4	49.4	49.4	47.4	49.4
GE 1600 GE 1400		47.1	48.4	49.6 50.2	49.8	49.8	49.8 50.4	49.8	49.8	49.8	47.8 50.4	49.8 50.4	49.8 50.4	49.8 50.4	49 • 8 50 • 4	49.8
GE 1200		48.4	49.8	51.2	51.4	51.4	51.4	51.4	50.4	50.4 51.4	51.4	51.4	51.4	51.4	51.4	50.4 51.4
GE 1200	13 (70.7	77.0	3116	31.4	21.4	71.4	34.4	31.4	31.4	31.64	31.4	32.4	2114		31.4
GE 1003		51.7	53.2	54.8	55.2	55.3	55.3	55.3	55,3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 900		51.9	53.4	55.1	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 800		54.0	55.6	57.5	58.0	58.1	58.1	58.1	58.1	58.1	54.1	58.1	56.1	58.1	58.1	56.1
GE 700		55.2	57.1	59.1	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 600	01	55.4	57.3	59.4	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 500		58.0	60.2	62.3	62.7	62.9	63.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 450		61.8	64.1	66.2	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 400	•	67.3	69.6	72.2	72.6	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 350 GE 300		71.0 80.3	73.2	76.1 86.7	76.8	77.0 87.5	77.3 88.2	77.3	77.3 88.3	77.3 58.3	77.3	77.3	77.3 88.3	77.3	77.3 68.3	77.3 86.3
95 300	01	60.3	03.2	90.7	61.3	01.5	88.2	00.3	00.3	70.3	07.3	90.3	00.3	70.3	00.3	00.3
GE 250		91.5	84.4	88.3	89.1	89.4	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	96.1
GE 200		83.8	86.7	90.6	91.7	91.9	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 180		84.2	87.1	91.1	92.2	92.4	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 150 GE 120		86.8	89.1	94.2	95.9 97.0	96.2	96.9 98.0	97.0 98.2	97.0 98.5	97.0	97.D 98.5	97.0	97.5	97.0	97.0 98.5	97.J
01 120	01	00.0	07.0	7312	77.0	77.53	70.0	70.2	70.3	40.5	44.2	70.5	70.5	70.3	70.3	70.3
GE 10J	01	87.2	90.3	95.9	97.8	98.2	98.8	99.1	99.7	99.7	97.7	99.7	99.7	99.7	99.7	99.7
GE 90	•	87.2	90.3	95.9	98.0	98.4	99.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	49.9	99.9
	01	87.2	90.3	95.9	98 - 1	98.5	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	01	87.2 87.2	90.3	95.9	98.1	98.5	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	C1	81.2	90.3	73.7	98.1	98.5	44.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0	87.2	90.3	95.9	98.1	98.5	99.1	99.5	100.0	100.0				100.0	100.0	100.0
	01	87.2	90.3	95.4	98.1	98.5	99.1	99.5	100.0	100.0		100.0		100.0		100.0
GE 30 GE 20	ים ו ים ו	87.2 87.2	90.3	95.9	98.1	78.5	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	01	87.2	90.3	95.9 95.9	98.1	98.5	99.1	99.5	100.0	100.0			100.0	100.0		100.0
91. 10		0102	74.3	7317	, 5 . 1	70.3	7784	,,,,		*00.0	40010	.00.0	.00.0	.00.0	20010	• 00 • 0
GE	71	87.2	90.3	95.9	98.1	98.5	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • • • • •	• • • • • • •		•••••	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PERIOD OF RECORD: 74-83 MONTH: AUG HOURS(LST): 1500-1700 CEILING VISIBILITY IN HUNDREDS OF METERS GE GF GE GE GE GE 90 80 60 48 40 32 24 20 10 NO CETL I 33.1 48.4 GE 200001 47.2 48.4 48.4 48.4 GE 18000 47.8 48.7 48.8 48.8 48.9 48.8 48.8 48.8 48.8 GE 160001 47.6 48.1 48.9 49.D 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49.0 GE 14000 49.7 49.8 49.8 49.8 49.8 49.8 49.8 49.8 49.8 49.8 49.8 48.5 47.8 49.8 JE 120001 50.5 50.6 50.6 50.6 50.6 53.2 53.7 57.0 59.3 53.2 53.7 GE 1000G1 53.2 51.7 53.2 53.2 53.2 53.2 53.2 51.2 53.2 53.2 9000 53.5 53.7 53.7 57.0 GE 80001 54.9 55.4 56.9 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0 58.3 58.3 56.2 56.7 58.2 58.3 58.3 70401 58.3 58.3 58.3 58.3 58.3 60001 59.1 59.1 64.D 70.9 61.4 68.3 75.7 50001 64.1 71.0 78.7 64.1 71.0 78.7 64.1 71.0 78.7 71.0 64.1 71.0 78.7 71.0 71.0 64.1 71.0 78.7 64.1 71.0 78.7 68.8 70.9 6F 45001 70.6 40001 GE 78.4 78.6 78.6 78.7 78.7 78.7 78.7 84.5 84.7 84.8 84.8 64.8 6E 30001 90.3 92.8 93.2 93.2 93.2 93.8 95.2 95.7 94.2 25001 91.3 92.6 93.0 95.5 95.6 95.6 95.6 95.6 GE 20001 91.5 95.5 95.6 95.6 95.6 95.6 95.6 96.1 18001 91.9 96.0 96.1 GE 96.0 96.1 96.1 96.1 96.1 12001 97.5 98.5 97.7 99.0 99.0 99.0 98.4 98.4 99.9 99.9 99.9 10001 99.6 99.7 99.9 99.9 93.5 94.8 99.6 99.7 99.9 99.9 99.9 GE 9001 99.9 99.9 GE 8001 93.5 94.8 98.4 99.6 99.6 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 GE 7001 98.5 99.7 99.8 100.0 100.0 100.0 100.0 100.0 100.4 GE 6001 93.5 98.5 99.7 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 94.8 98.5 5001 99.7 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 93.5 4401 94.0 98.5 99.7 99.8 100.0 100.0 100.0 GE 99.7 100.0 100.0 100.0 130.0 140.0 100.0 3001 94.8 98.5 99.7 99.7 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 106.0 6 F 2001 98.5 99.7 99.7 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6E 1001 98.5 100.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.3 e l 99.7 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

100

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AR GERMANY PERIOD OF RECORD: 74-83 HONTH: AUG HOURS (LST): 1800-2000 VISIBILITY IN HUNDREDS OF METERS CEILING 6E GE GE GE υE CE GE 32 160 90 80 60 48 40 24 20 16 12 10 8 5 4 Ú NO CETE ! 45.9 46.9 46.9 46.9 46.9 GE 200001 55.9 55.8 54.9 55.6 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 GE 18CODI 56.1 56.2 56.2 56.2 56.2 GE 160001 56.1 56.2 56.2 GE 140001 JE 120J01 57.0 57.7 58.3 58.4 56.4 58.4 58.4 58.4 58.4 58.4 58.4 58.4 58.4 GE 100001 60.1 62.4 63.9 62.4 96301 62.5 63.8 63.9 63.9 63.9 63.9 63.9 63.9 63.9 υ£ 61.5 63.9 65.4 80301 67.7 68.8 70.2 70.3 70.3 70.3 70.3 70.3 70.3 70.3 70.3 70.3 70.3 10.3 70.3 GE 70001 69.4 70.4 71.6 71.9 71.9 71.9 71.9 υE 60001 70.3 71.4 72.8 72.9 72.5 72.9 72.9 72.9 72.9 72.9 72.9 72.9 72.9 72.9 72.9 6 F Span I 74.2 75.7 77.4 82.7 77.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 45001 79.5 81.0 83.0 83.0 83.D 87.5 83.0 83.0 83.C 83.0 83.0 87.5 83.0 G€ 83.0 63.D 83.4 84.0 υE 40001 85.5 87.2 87.5 87.5 87.5 A7.5 35001 A8 . 5 90.2 92.2 92.5 92.5 92.5 92.5 92.5 92.5 92.5 97.5 92.5 92.5 92.5 92.5 GE 30001 95.1 95.5 95.5 90.8 92.7 95.4 95.4 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 96.1 97.4 97.8 ĿΕ 25001 91.1 93.0 95.6 95.9 96.0 97.3 96.0 96.1 96.1 96.1 96.1 96.1 96.1 GE 96.9 97.2 97.2 97.3 97.4 97.4 97.4 97.4 20001 92.0 94.1 97.4 97.4 GE IRUDI 92.5 94.5 97.3 97.6 97.6 97.7 97.7 97.8 97.8 97.8 97.8 97.8 97.8 97.8 úΕ 10001 92.8 95.1 97.8 98.8 98.9 99.1 99.1 99.2 99.2 99.2 99.2 99.2 29.2 99.7 60.4 GE 10001 93.1 95.4 98.2 99.2 99.5 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 49.8 99.0 99.8 93.1 98.2 99.2 99.7 ٥E 99.9 98.5 95.5 6 F 830 I 93.2 99.4 99.6 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 99.8 99.6 ĿΕ 7001 93.2 98.5 99.4 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 5301 99.9 GE 93.2 95.5 98.3 99.4 99.6 100.G 100.0 100.n 100.0 106.0 99.9 100.0 100.0 100.0 GE 4301 93.2 95.5 98.3 99.4 99.6 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ьE 3001 93.2 95.5 98.3 99.4 99.6 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 140.0 100.0 2011 98.3 99.4 GE 93.2 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100 99.6 GE nΙ 95.5 99,4 99.5 100.0 100.0 100.0 100.0 100.0 100.0 160.0 166.0 98.3 99.9

TOTAL NUMBER OF OBSERVATIONS:

1

1

1

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

	TION NL			STATI				GERMANY				MONTH	: AU6		(LST):	2100-23	100	
	LING									HUNDREDS								•
FE		61 160	GE 90	GE 80	GE 6ù	GE 48	6E 40	GE 32	GE 24	S D G E	GE 16	GE 12	GE 10	GE B	GE 5	GE 4	GE U	
	CEIL I		51.8	53.2	55.4	55.6	55.7	55.A	55.9	56.0	56.2	56.2	56.2	56.2	56.5	56.5	56.5	
			3.40	,,,,	3304	3,.0		33411	3307	30.0	3011	30	30.0	3000		••••	30.03	
GE .	200001		60.2	61.8	64.0	64.3	64.4	64.6	64.7	64.8	65.1	65.1	65.1	65.1	65.3	65.3	65.3	
	18000		60.3	61.9	64.1	64.4	64.5	64.7	64.8	64.9	65.2	65.2	65.2	65.2	65.4	65.4	65.4	
	160001		6D.3	61.9	64.1	64.4	64.5	64.7	64.8	64.9	65.2	65.2	65.2	65 • 2	65.4	65.4	65.4	
	14000		60.4	62.0	64.2	64.5	64.6	64.8	64.9	65.1	65.3	65.3	65.3	65.3	65.5	65.5	65.5	
GE	150001		61.4	63.1	65.4	65.7	65.8	66.0	66.1	66.2	66.5	66.5	66.5	66.5	66.7	66.7	66.7	
	100001		64.7	66.6	69.1	69.6	69.7	70.0	70.1	70.2	70.4	70.4	70.4	70.4	70.6	70.6	70.6	
	90001		65.2	67.1	69.7	70.1	70.2	70.5	70.6	70.8	71.0	71.0	71.0	71.0	71.2	71.3	71.3	
GE	80301		69.9	71.9	74.7	75.2	75.3	75.6	75.7	75.8	76.0	76.0	76.0	76.0	76.2	76.3	76.3	
			71.5	73.5	76.8	77.2	77.3	7/.6	77.7	77.8	78.1	78.1	78.1	78.1	78.3	78.4	78.4	
			72.3	74.5	77.7	78.2	78.3	78.6	78.7	78.8	79.0	79.0	79.0	79.0	79.2	79.4	79.4	
GE	50001		74.2	76.7	80.0	80.4	80.5	81.1	81.2	81.3	81.5	81.5	81.5	81.5	81.7	81.9	81.9	
GE	45001		79.5	82.0	85.6	86.0	86.1	86.7	86.8	86.9	87.3	87.3	87.3	87.3	87.5	87.7	87.7	
GE	40001		82.2	84.8	88.5	88.9	89.0	89.6	89.7	89.8	90.2	90.2	90.2	90.2	90.4	90.6	90.6	
UΕ	35001		84.2	87.0	90.6	91.1	91.2	91.7	91.8	91.9	92.4	92.4	92.4	92.4	92.6	92.8	92.8	
6€	300 0		87.0	90.0	94.2	94.7	94.8	95.5	95.6	95.7	96.1	96.1	96.1	96.1	96.3	96.6	96.6	
GE	25001		87.3	90.3	94.6	95.2	95.3	95.9	96.0	96.1	96.6	96.6	96.6	96.6	96.8	97.0	97.3	
GE	20001		88.1	91.2	95.5	96.0	96.1	96.8	96.9	97.0	97.4	97.4	97.4	97.4	97.6	97.8	97.8	
GE	18001		88.1	91.3	95.6	96.1	96.2	96.9	97.0	97.1	97.5	97.5	91.5	97.5	97.7	98.0	98.0	
GE	1500		88.2	91.6	95.9	96.8	96.9	97.5	97.6	98.0	98.4	98.4	98.4	98.4	98.6	98.8	98.8	
U.E	12001		88.2	91.6	96.2	97.1	97.2	98.0	98.1	98.4	98.8	98.8	98.8	98.8	99.0	59.2	99.4	
66	10001		88.2	91.6	96.3	97.2	97.3	98.1	98.2	98.5	98.9	98.9	98.9	98.9	99.1	99.4	99.4	
úΕ	900		88.2	91.6	96.3	97.2	97.3	98.1	98.2	98.6	99.0	99.0	99.0	99.0	99.2	99.5	39.5	
GE	830		88.4	91.9	96.7	97.5	97.6	98.4	98.5	98.9	99.4	99.4	99.4	99.4	99.6	99.8	99.8	
6 E	700		88.4	91.9	96.7	97.5	97.6	98.4	98.5	98.9	99.4	99.4	99.4	99.4	99.6	99.8	99.8	
6E	67U		88.4	91.9	96.7	97.5	97.6	98.4	98.5	98.9	99.4	99.4	99.4	99.4	99.6	99.8	99.8	
ĿΕ	5001		98.5	92.0	96.8	97.6	97.7	98.5	98.6	99.0	99.5	99.5	99.5	99.5	99.7	99.9	99.9	
ΰĒ	4001		88.5	92.0	96.8	97.6	97.7	98.5	98.6	99.0	99.5	99.5	99.5	99.5	99.7	99.9	99.9	
GΕ	3001		88.5	92.0	96.8	97.6	97.7	98.5	98.6	99.0	99.5	99.5	99.5	99.5	99.7	99.9	99.9	
GE	2001		88.5	92.0	96.6	97.6	97.7	98.5	98.6	99.0	99.5	99.5	99.5	99.5	99.7	99.9	99.9	
GE	1001		38.5	92.6	96.8	97.6	97.7	98.5	98.6	99.0	99.5	99.5	99.5	99.5	99.7	99.9	99.9	
GE	01		88.5	92.0	96.8	97.6	97.7	98.5	98.6	99.0	99.5	99.5	99.5	99.5	99.7	100.0	100.0	

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PERIOD OF RECORD: 74-83 MONTH: AUG HOURS(LST): VISIBILITY IN HUNDREDS OF METERS GE 32 GE D IN | GT FELT | 160 GE G€ GE GE GE GE GE GE GE GE GΕ GE 40 24 20 5 90 80 48 16 12 10 6 U NO CETL I 41.0 47.4 47.9 48.2 49.3 49.5 50.1 50.1 50.2 50.3 49.0 54.7 51.0 57.4 57.6 57.7 58.2 46.5 49.2 53.0 53.2 54.0 54.2 54.3 54.5 55.2 55.4 55.6 55.8 56.4 56.6 56.5 56.7 56.6 56.8 56.7 56.8 57.1 57.3 SE 200001 55.8 57.7 GE 18000 56.0 57.9 SE 160001 46.8 49.5 54.3 54.6 55.5 55.9 56.1 56.7 56.8 56.9 56.9 57.4 58.0 GE 14000 47.1 49.8 53.7 55.1 57.1 57.3 57.4 57.8 54.8 55.9 56.3 56.5 57.2 56.5 GE 120001 57.3 48.C 50.7 55.8 56.1 58.1 GE 100001 50.4 50.9 53.3 53.9 57.6 58.2 58.7 59.4 59.0 59.7 59.9 60.6 60.3 61.2 61.3 61.4 62.0 62.3 62.6 63.3 67.4 60.5 61.9 9000 61.0 67.3 GE 80001 54.3 55.3 57.4 63.3 63.3 63.6 64.6 65.0 65.2 65.9 66.0 66.1 66.2 66.7 70001 58.5 65.8 66.7 GE 64.6 64.9 66.3 66.5 68.0 υE 60001 72.0 70.4 74.9 79.7 71.3 75.8 80.7 72.4 76.9 81.9 58.4 62.4 66.5 68.2 72.6 77.3 69.7 71.1 75.7 5000 66.9 73.0 70.2 66.1 74.7 79.5 76.0 GE 45001 75.9 79.0 40001 81.0 A1.5 GE 75.8 77.7 80.6 80.8 82.3 3500 GE 30001 73.3 85.3 85.8 89.7 89.8 90.3 90.8 91.2 73.9 75.1 90.4 92.1 90.6 78.2 79.5 88.3 90.5 91.3 92.2 93.8 25 and 86.7 89.4 90.8 GE 20001 85.9 88.3 90.7 91.0 92.4 93.4 87.8 79.8 92.5 92.6 92.9 93.8 94.3 6E 86.3 90.3 GE 15001 81.2 88.1 90.4 90.9 92.7 93.5 95.0 95.2 95.3 95.4 95.9 96.3 96.0 ijΕ 12001 77.0 91.6 93.4 94.3 95.9 96.1 96.2 96.3 96.8 97.5 97.9 98.1 10001 77.2 77.2 93.9 95.3 95.4 96.6 96.8 97.0 97.1 GΕ 81.9 89.1 91.5 92.1 94.7 96.8 98.4 9101 61.9 89.1 91.6 92.2 94.0 94.9 96.9 98.6 82.0 92.4 94.2 97.1 98.4 98.5 űĒ Bank 77.3 89.3 91.8 95.1 95.6 97.0 97.2 97.4 97.9 96.9 98.1 GE 7001 77.3 89.4 91.9 95.2 95.8 97.2 97.6 79.0 97.4 GE 5001 77.4 92.6 94.5 95.4 96.0 97.4 97.5 97.6 97.8 98.3 58.8 99.3 82.2 89.5 92.0 4001 3001 77.4 99.5 92.0 92.6 94.5 95.4 97.4 97.6 97.7 97.7 97.9 98.4 98.8 99.3 G E 82.2 96.0 82.2 CE 96.0 82.2 92.0 2001 G€ 1001 98.5 99.0 91 97.7 98.0 99.3 100.0 υE 96.0

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PEPIOD OF RECORD: 74-83

57

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY

MONTH: SEP HOURS(LST): 0000-0200 GE 32 FEET IN GE GE GE GE 20 90 60 48 ¥ 0 24 10 160 80 16 12 NO CEIL I 52.1 40.8 48.3 52.7 52.8 55.1 GE 200001 GE 180001 52.3 56.8 56.9 57.0 57.6 57.7 50.7 50.9 53.9 44.3 48.8 51.0 53.4 56.3 56.4 59.6 39.0 50.8 54.0 59.4 52.4 57.0 GE 160001 44.3 48.8 50.8 51.0 54.0 56.3 56.4 57.7 58.6 38.0 GE 14000 38.2 49.U 51.0 51.2 52.7 53.7 54.2 56.6 56.7 57.1 57.2 57.9 58.8 59.7 PE 150001 38.6 44.9 49.3 51.3 51.6 53.0 54.0 54.6 56.9 57.0 57.4 57.6 58.2 59.1 60.0 55.4 56.9 56.4 GE 100001 40.8 47.2 51.7 53.9 59.3 59.6 60.0 60.2 90001 48.6 58.4 60.8 61.0 61.7 GE 41.9 53.1 55.1 55.3 61.4 62.4 63.3 64.2 80001 51.8 58.9 59.1 60.7 62.2 64.7 65.7 68.2 66.4 67.1 70001 46.3 53.2 58.1 60.3 6C.6 62.1 66.1 66.3 67.9 68.8 69.7 6E 6PUC| 46.8 53.7 58.7 60.9 61.1 62.7 63.7 64.2 66.7 66.9 67.3 67.7 68.4 69.3 70.2 56.9 67.7 68.2 70.7 73.7 70.9 71.3 71.8 72.6 73.4 74.3 77.3 snant 49.7 64.6 52.3 69.6 4500 67.7 64.9 40001 64.0 70.2 72.9 73.1 79.1 79.3 79.8 80.Z 81.0 61.9 GE 76.1 85.9 35001 66.0 73.1 75.8 78.1 79.2 79.8 82.2 82.4 82.9 83.3 84.1 85.0 30001 70.1 90.3 78.4 88.3 89.4 92.1 91.3 92.2 93.4 ьE 25001 62.7 71.1 79.4 83.0 85.1 86.9 89.3 89.6 90.0 90.6 93.1 72.2 20001 90.6 91.8 63.8 80.6 83.8 86.3 87.4 93.8 91.2 94.1 88.1 94.3 18001 80.6 86.3 88.1 90.6 91.8 92.6 15301 64.3 72.8 81.3 84.7 85.0 87.2 88.3 89.0 91.4 91.7 92.1 92.7 93.6 94.4 95.3 65.0 82.1 73.4 96.3 73.7 73.7 86.6 86.7 89.2 90 • 2 90 • 3 93.3 93.4 93.6 94.6 95.6 95.7 10301 90.9 94.0 96.4 97.3 87.0 96.6 9101 65.2 83.1 94.1 91.0 GΕ 8001 83.4 87.0 97.3 89.6 90.7 91.3 93.8 95.1 97.0 97.9 7001 65.2 73.9 83.4 87.0 87.3 89.6 90.7 91.3 93.8 94.0 94.4 95.1 96.1 97.0 97.9 6001 94.0 73.5 83.4 89.6 90.1 96.1 65.2 87.0 4001 90.9 91.6 94.7 95.3 96.3 GF 65.4 74.1 A3.7 87.2 87.6 89.8 94.0 94.7 97.2 98.1 95.4 4301 74.1 97.3 65.4 83.7 87.2 87.6 89.9 94.1 94.3 96.2 GE GE 3001 65.4 74.1 83.7 87.2 87.6 89.9 91.0 91.7 94.1 94.4 94.9 95.6 96.6 97.4 98.3 GE 2001 74.1 93.7 87.2 87.6 89.9 91.0 91.7 94.2 94.6 95.0 95.7 96.8 97.7 96.6 1001 95.0 01 74.1 87.2 91.0 95.0 95.8 98.2 100.0

TOTAL NUMBER OF OBSERVATIONS: 960

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GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 106140 STATION NAME:

RAMSTEIN AB GERHANY PERIOD OF RECORD: 74-83

MONTH: SEP HOURS (LST): 0300-0500 VISIBILITY IN HUNDREDS OF METERS CEILING G7 160 GE 32 GE 20 6E GE GE GF GE GE 90 24 FEET 80 46 10 5 60 48 16 12 NO CEIL ! 47.0 29.7 38.2 42.3 42.8 50.6 GE 200001 33.2 36.7 38.6 41.1 45.7 48.1 49.1 53.6 46.8 180001 29.7 33.2 36.7 38.2 38.6 42.3 45.7 46.8 47.0 48.1 49.1 50.6 53.0 6E 160001 29.7 33.2 36.7 38.2 36.6 41.1 42.3 42.8 45.7 46.8 47.0 48.1 49.1 50.6 53.6 GE 140001 29.7 33.2 36.7 38.2 38.6 42.3 45.7 47.0 46.1 49.1 53.6 41.1 46.8 57.6 GE 12000 53.7 GE 1apaol 35.3 39.3 41.0 43.9 44.8 45.1 49.9 50.8 50.1 2.2 31.8 41.3 45.7 48.8 51.2 56.7 90001 32.7 36.2 40.2 41.9 42.2 46.0 46.6 49.7 51.0 52.1 53.1 54.6 57.6 39.0 39.9 44.8 49.6 50.4 52.7 53.6 54.7 54.0 54.9 56.1 57.0 57.8 GE Arani 35.2 43.1 45.1 47.8 49.0 55.1 61.0 45.7 70001 36 . 1 44.0 58.7 56.0 46.D 62.0 6 Fu 0 | 48.8 50001 38.9 42.9 47.4 49.3 49.7 52.4 53.7 57.3 58.4 58.7 59.8 61.0 4 E 54.2 66.1 58.4 56.7 62.0 61.9 65.6 6E 45001 42.4 46.9 50.6 51.4 53.3 58.6 53.7 59.0 57.9 63.0 63.2 64.3 67.2 72.7 70.7 69.8 GE 46.1 56.2 63.2 65.7 76.1 40001 68.4 3500 60.3 73.0 84.4 GE 30001 52.4 65.2 72.2 80.3 69.3 70.8 71.4 75.1 77.0 77.7 65.U 87.2 67.9 75.8 77.8 78.4 81.0 83.2 83.9 G€ 25001 53.4 58.9 66.8 70.2 73.8 79.7 80.8 82.1 03.3 88.4 71.7 75.6 76.2 GF 20001 54.6 60.1 68.2 81.9 83.7 84.3 85.6 90.7 GĒ 1800 55.0 68.9 85.7 60.8 91.3 70.1 GE 15001 56.2 62.0 17.6 79.8 83.9 86.3 89.2 6 F 12001 56.7 62.4 73.6 78.3 80.6 AS.A 86.0 88.3 90.0 93.4 74.1 74.1 78.9 78.9 85.3 86.4 87.8 89.0 GE 10001 56.7 62.4 71.2 75.0 80.3 81.1 90.7 94.1 90.7 GE 9301 56.7 62.4 71.2 75.0 80.3 81.1 86.7 94.1 8001 56.7 62.4 71.3 74.2 75.1 79.0 81.2 85.4 86.8 89.1 90.8 94.2 80.4 86.6 74.2 79.1 79.1 GE 7001 56.7 71.3 80.6 85.6 86.7 86.9 88.0 89.2 90.9 94.3 74.2 GE 89.2 90.9 6001 56.7 62.4 71.3 75.1 80.6 81.3 85.6 86.7 86.9 88.0 94.3 GE 5001 56.7 56.8 62.4 71.3 74.2 75.1 79.1 79.2 80.6 81.3 85.6 86.7 86.9 88.0 89.2 90.9 94.1 71.4 74.3 81.4 87.0 89.3 62.6 75.2 91.0 GΕ 4001 94.4 81.6 81.7 GE 3001 56.8 62.6 71.4 74.3 75.2 79.2 80.7 85.8 86.9 87.1 88.2 89.4 91.3 95.1 71.4 GE 2001 56.8 62.6 74.3 75.2 79.3 80.8 85.9 A7.0 87.2 88.3 89.7 92.1 96.2 1001 71.4 74.3 92.2 GE 86.0 87.1 87.3 88.4 89.8 56.8 62.6 75.2 79.3 80.8 81.7 96.4 71.4 74.3 87.1 GE n t 56.8 62.6 75.2 19.3 80.8 81.7 86.0 87.3 88.6 ... 93.6 100.0

TOTAL NUMBER OF OBSERVATIONS:

940

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 74-83 MONTH: SEP HOURS(LS STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY HOURSILSTI: 0600-0800 VISIBILITY IN HUNDREDS OF METERS GF GE GE GE GE GE IN GE GŁ GΕ FEET 90 60 48 32 10 86 16 30.7 NO CETL I GE 200001 17.1 20.0 25.9 27.9 28.2 29.B 30.9 31.4 33.9 34.8 35.4 36 . 6 38.9 41.6 34.8 36.6 38.9 38.9 29.8 37.7 37.7 GE 18DDC 20.0 25.9 27.9 30.9 33.9 35.4 41.6 27.9 28.2 30.9 31.4 33.9 35.4 41.6 GE 160001 17.1 20.0 25.9 GE 14000 20.0 25.9 17.1 28.2 29.8 30.9 31.4 33.9 34.8 35.4 36.6 GE 12000 17.2 20.1 35.0 39.2 40.7 45.4 GE 100001 18.8 30.3 30.8 34.6 40.4 41.6 43.0 42.8 45.4 23.1 GF. GE 9000 20.0 23.6 29.6 31.8 32.2 33.9 35.3 36.0 39.0 40.0 41.9 44.2 46.9 38.3 39.9 43.6 46.7 51.9 80001 36 . 1 36.6 40.6 44.6 47.8 7000 38.6 40.1 40.8 44.8 48.0 49.7 6E 60001 24.0 34.1 37.1 38.9 40.4 41.2 44.2 45.2 46.1 47.3 48.4 45.1 49.0 52.7 50.9 63.4 42.6 46.3 44.3 48.3 52.3 49.3 50.2 51.6 55.8 53.9 58.1 57.2 6E 50001 26.3 30.2 37.7 40.2 40.7 29.6 33.6 41.3 43.9 44.3 54.4 61.4 6E 45001 4000 33.0 37.4 49.8 52.1 54.1 54.9 58.6 59.8 60.9 62.2 64.7 57.3 GF 35001 35.2 40.0 49.3 52.3 52.8 55.2 58.3 62.0 63.2 64.3 65.7 66.9 68.1 71.7 30001 70.0 71.7 79.4 74.4 75.0 73.1 77.1 74.4 78.4 79.2 83.2 83.8 69.0 73.0 75.7 79.7 57.6 61.0 GE 25001 38.3 43.9 53.9 58.1 63.3 64.4 61.0 2000 40.4 46.2 61.6 80.Z 62.1 65.2 67.7 73.6 76.2 77.7 79.0 GE 18001 41.0 46.8 57.6 61.6 68.9 60.0 GE 1230 44.1 50.1 60.9 65.2 65.8 69.1 73.0 79.2 80.4 81.9 A3.2 84.4 88.0 69.7 78.6 78.8 82.7 10001 50.4 72.6 73.6 87.0 85.3 44.6 66.4 72.7 74.0 81.4 84.3 85.6 89.1 GE 9001 50.6 61.3 65.9 80.2 830 50.6 74.0 82.9 85.6 89.1 69.9 74.1 GE 7001 44.6 50.6 61.3 66.0 66.6 72.8 78.9 an. 3 A1.6 83.0 84.6 85.8 89.3 GE 80.3 1000 44.6 50.6 61.3 81.6 83.0 66.0 60.6 74.2 74.2 79.0 79.6 89.6 sant 70.0 72.9 81.7 83.1 86.0 6 E 50.6 87.4 66.0 66.6 4001 50.6 61.3 66.0 66.6 70.0 72.9 80.4 81.7 83.1 86.1 89.7 91.6 SE GE 79.0 79.1 80.6 80.7 81.8 81.9 R5.2 87.0 3001 44.6 50.6 61.3 66.D 66.6 70.0 72.9 74.2 83.2 66.0 74.2 83.6 85.6 2001 44.6 50.6 70.0 88.4 66.6 61.3 1001 50.6 70.0 79.2 80.8 82.0 85.7 88.7 98.0 ĿΕ 01 50.6 66.0 70.0 79.2 80.8 85.8 90.1 100.0 61.3 66.6

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TOTAL NUMBER OF OBSERVATIONS: 900

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIRILITY FROM HOUPLY OBSERVATIONS

120

AIR HEATHER SERVICE/MAC

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERHANY PETIOD OF RECORD: 74-83 MONTH: SEP HOURS (1 571: 0900-1100 VISIBILITY IN HUNDREDS OF METERS GE GE GE 5 GE GΕ G£ GΕ 15 GE GE FEET 96 60 48 40 32 20 16 10 1 160 80 12 NO CETL I 35.3 35.3 65 200001 23.7 25.9 30.6 33.4 33.8 37.7 39.0 41.1 42.1 42.1 42.3 43.0 41.4 41.7 25.9 41.1 42.1 42.1 GE 18000 30.6 33.4 33.8 37.7 39.0 41.4 42.1 42.3 33.4 33.8 42.3 GE 16030 35.3 37.7 39.0 41.4 41.7 42.1 43.3 23.7 30.6 35.3 37.7 39.0 42.1 14000 23.7 30.6 41.1 41.4 39.9 12000 43.0 GE 100001 25.9 37.0 38.9 45.0 45.3 45.6 46.0 46.U 46.2 46.9 28.6 33.8 GE 9000 80JD 26.8 29.4 34.8 37.7 38.0 41.0 39.9 43.2 42.3 43.7 46.0 49.6 46.3 46.6 50.1 47.0 50.6 47.2 47.0 47.9 50.6 51.4 7030 39.4 49.3 52.8 GE 60001 31.1 40.1 48.9 50.2 53.7 53.7 53.9 GΕ 50001 32.8 36.1 43.0 46.7 50.2 47.0 49.4 52.1 53.7 56.4 57.2 57.7 57.7 57.9 58.6 46.6 53.D 59.0 39.7 50.6 55.7 57.2 60.D 60.4 60.8 ĠΕ 45001 36.2 61.2 61.2 61.4 62.1 4000 40.3 44.1 56.0 63.4 66.3 69.9 67.2 67.7 GE 3500 42.7 46.7 54.3 58.8 59.1 61.8 75.9 69.3 70.2 70.7 70.8 71.0 71.8 3000 70.7 87.0 80.9 GE 49.6 80.4 81.0 82.0 GE GE 25001 50.2 54.6 57.4 63.2 68.3 66.7 71.8 74.7 75.4 78.3 77.0 79.9 80.8 81.4 81.9 82.3 82.4 85.3 82.7 83.7 85.6 20001 52.6 86.6 66.3 71.4 84.7 GE 1800 52.8 57.7 71.8 75.0 78.7 80.2 84.0 85.1 85.6 85.7 85.9 86.9 GE 1500 53.6 58.8 73.9 77.2 80.9 82.7 86.6 87.7 88.1 98.2 68.4 89.4 74.2 74.2 74.2 74.6 74.6 74.6 78.0 78.0 78.0 83.7 87.8 59.4 89.9 90.9 GE TODOL 54 . D 59.3 68.3 81.5 85.4 88.9 83.8 87.9 87.9 900 59.3 68.3 88.6 89.0 89.6 89.8 90.0 91.0 89.8 GE 54.4 59.3 88.6 89.0 89.6 90.0 91.0 8001 68.3 81.9 90.0 84.0 88.3 93.2 90.4 700 54.0 GE 600 54.0 78.2 88.7 89.3 89.9 90.4 90.7 90.9 91.9 5001 59.3 74.2 89.2 90.1 90.8 91.3 91.8 92.0 93.1 GE 74.6 74.6 92.1 59.3 59.3 68.3 74.2 78.2 78.2 84.3 89.4 90.3 91.1 92.4 4001 54.0 82.2 91.7 93.7 91.8 3301 54.0 82.2 94.8 96.2 GE 2001 54.0 59.3 78.2 82.2 P9.6 97.4 91.2 91.8 92.6 93.3 6E 1001 54.4 59.3 68.3 74.2 74.6 78.2 82.2 84.3 89.6 97.4 91.2 91.8 92.8 93.8 98.1 74.2 74.6 82.2 01 54.0 59.3 78.2 84.3 90.4 91.3 92.0 93.0 94.7 100.0

TOTAL NUMBER OF OBSERVATIONS: 96

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PERCENTAGE FREQUENCY OF CCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STAT	ION NUME	BER: 196140	STATI	ON NAME:	RAMS	TEIN AB	GERMANY					OF REC		-83	1200-14	00
CEIL		•••••	• • • • • •	•••••	• • • • • •		VISIBILI					•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
16	-	i	GE	GF	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ
FEE		60 90	80	60	48	40	32	24	20	16	12	10	8	5	4	Ü
	• • • • • • •															
NO C	EIL	33.0	34.3	37.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0
										1.7						
	00001	38.8	40.3	44.6	46.6	46.6	46.7	46.9	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1
	80001 60001	39.6 39.6	41.1	45.3	47.3	47.3	47.4.	47.7	47.7	47.8	47.8	47.9	47.9	47.9	47.9	47.9
	40001	39.6	41.1	45.3	47.3	47.3	47.4	47.7	47.7	47.8	47.8	47.9	47.9	47.9	47.9	47.9 47.9
	2000	40.6	42.1	46.3	48.3	48.3	48.4	48.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9	48.9
02 1	21.001	70+0	4211	40.3	40.3	70.3	70.7	40.7	40.7	70.0	90.0	40.7	40.7	40.7	40.7	70.7
6F 1	00001	43.7	45.3	49.7	51.9	51.9	52.0	52.2	52.3	52.4	52.4	52.6	52.6	52.6	52.6	52.6
	90001	44.3	46.0	50.3	52.6	52.6	52.7	52.9	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2
	80001	47.3	49.2	53.8	56.2	56.2	56.3	56.6	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9
GE	70001	47.7	49.7	54.3	56.8	56.8	56.9	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4
GE	60001	48.8	50.8	55.4	57.9	57.9	58.0	58.3	58.4	58 . 6	58.6	58.7	58.7	58.7	58.7	58.7
GE	5000	50.9	53.1	58.1	60.8	60.8	60.9	61.2	61.3	61.4	61.4	61.6	61.6	61.6	61.6	61.6
	4500	54.2	56.7	61.7	64.3	64.4	64.6	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2
	4000	58.0	60.7	65.9	68.9	69.1	69.2	69.6	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0
	3500	63.4	66.4	71.9	74.9	75.1	75.2	75.6	75.7	75.9	75.9	76.D	76.0	76.0	76.0	76.0
GE	30001	12.9	76.7	83.0	86.6	86.8	87.0	87.3	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8
	25001		•••													
	2500 2000	74.1 77.2	78.1	84.8	88.6	88.9	89.4	89.9	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3
	18001	77.6	81.8	89.4	92.8	93.1	93.9	94.3	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9
	15001	78.6	82.9	90.3	94.4	94.8	95.6	96.2	96.4	96.8	96.8	96.9	96.9	96.9	96.9	96.9
	1207	79.0	83.3	90.9	95.0	95.4	96.2	96.9	97.1	97.9	97.9	98.0	98.0	98.0	98.0	98 · U
•-			0,113		,,,,,	,,,,,	70.02	,,,,,	,,,,		,,,,,	,,,,,	,,,,,		,	70.00
GE	10001	79.1	83.4	91.3	95.4	95.9	96.7	97.6	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE	9001	79.1	83.6	91.4	95.6	96.0	96.8	97.7	97.9	98.8	98.8	98.9	98.9	98.9	98.9	98.9
GE	8001	79.1	83.6	91.4	95.6	96.0	96.8	97.8	98.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
GE	7291	79.1	83.6	91.4	95.6	96.0	96.8	97.9	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
UΕ	6001	79.1	83.6	91.4	95.6	96 . D	96.8	97.9	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
GE	500	79.1	83.6	91.4	95.6	96.0	96.9	98.0	98.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7
GE	4001	79.1	83.6	91.4	95.6	96.D	96.9	98.U	98.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7
GE	3001	79.1	83.6	91.4	95.6	96.0	96.9	98.1	98.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9
G€	2001	79.1	83.6	91.4	95.6	96.6	96.9	98.1	98.3	99.8	99.8	100.0	100.0	100.0	160.0	100.0
GE	100	79.1	83.6	91.4	95.6	96.0	96.9	98.1	98.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE	01	79.1	83.6	91.4	95.6	96.0	96.9	98.1	98.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

					ON NAME:			_				HONTI		HOURS	ILSTI:	1500-17	100	
	LING	• • • • • • • •			• • • • • • • •			VISIBILI										•
	N E T	61 160	GE 90	GE BÜ	6E 6D	GE 48	6E	GE 32	GE 24	GE 20	GE 16	GE 15	GE 10	GE 8	üE 5	GE 4	GE	
				• -			_							22	_			
NO	CEIL	ı	36.6	36.8	38.4	39.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38 • 6	
33	20000	ı	46.C	46.4	48.7	49.0	49.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	
	18000		46.4	46.9	49.1	49.4	45.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	
6 E	16000	1	46.4	46.9	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	
	14000		46.6	47.0	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	
ΰĒ	15000	ł	47.8	48.2	50.4	57.8	56.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	56.8	
6.5	10000	1	50.3	50.8	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	
υE	9000		51.9	52.3	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	
G€	8000	•	55.9	56.8	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	
GE	7000	i	56.4	57.3	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	
LE	6000	İ	57.6	58.4	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	
GE	5000	ı	62.6	63.7	66.3	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	
GE	4500	i	66.7	67.9	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	
GE	4000	1	72.3	73.7	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	
GE	3500	i	78.0	79.4	82.8	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	
GE	3000	1	A6.8	88.4	92.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE	2500	Į.	87.4	89.2	92.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	04.0	94.D	94.0	
GE	2000	1	89.2	91.1	95.0	96.3	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE	1800		89.4	91.3	95.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
ůΕ	1500		90.4	92.3	96.4	97.6	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE	1200	ŀ	90.8	92.7	96.8	98.3	98.3	99.0	99.1	99.2	99.2	99.2	99.2	99.2	9.2	99.2	99.2	
GE	1000	i	90.8	92.7	97.0	98.7	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
6.F	900		90.8	92.7	97.0	98.7	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
υE	8111		90.8	92.7	97.0	98.7	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE	700	•	90.8	92.7	97.0	98.7	98.7	99.3	99.6	99.7	99.7	90.7	99.7	99.7	99.7	99.7	99.7	
GE	600	J	90.8	92.7	97.0	99.0	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.6	
GE	500	1	90.8	92.7	97.0	99.0	99.0	99.7	99.9	103.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	400	•	90.8	92.7	97.0	99.0	99.0	99.7		100.0	100.0	100.D	100.0	100.0	100.B	100.0	100.0	
GE	300		90.0	92.1	97.0	99.0	99.0	99.7		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
6 F	200	•	90.8	92.7	97.0	99.0	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	100	i	90.8	92.7	97.0	99.0	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	0	1	90.8	92.7	97.0	99.0	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOUDLY OBSERVATIONS

STA	1104	NUM	BER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMAN	ı¥				D OF REC		-83 (LST):	1900-20	100
	LING		••••	•••••	• • • • • •	• • • • • • • •	• • • • • •				HUNDRED			• • • • • • •	• • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
1			GT	6E	GE	GF	GE	GE	GE	GF.	GE	GE	GE	GE	GE	GŁ	GE	GE
FE			160	90	84	60	48	40	32	24	20	16	12	10	8	5	4	Ĺ
	• • • •	• • • •			• • • • •	• • • • • • •	• • • • • •						• • • • • •					
NO	CEIL	1		42.0	43.2	44.3	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
	2000	0.1		50.6	52.4	54.1	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.6
	1800			50.9	52.8	54.4	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
	1600	- •		50.9	52.8	54.4	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE	1400	0		51.0	52.9	54.6	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE	1200	ופ		52.4	54.3	56.0	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56 . 7	56.7	56.7
	1000			55.2	57.4	59.2	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
	900	- •		57.0	59.4	61.2	61.8	61.8	61.9	61.9	61.9	61.9	67.8	61.9	61.9 67.8	67.8	61.9	61.9
	700	•		62.6	65.2	67.1	67.7	67.7	67.8	67.8	69.8	67.8	69.8	69.8	69.8	69.8	69.8	69.8
GE	600			65.9	68.7	70.6	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
0	04.0			000,														
GE	500	01		69.0	72.0	74.0	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
6 E	450	01		72.7	75.6	77.8	78.9	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE	400			79.1	82.3	84.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
G E	350			A1.7	85.1	87.6	88.8	86.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	69.0	89.0
GΕ	300	01		87.3	91.0	94.1	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
υĒ	250	n i		88.2	91.9	95.4	96.2	96.2	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
UE	200			89.1	92.8	95.9	97.1	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	100			89.1	92.6	95.9	97.1	97.1	97.6	97.8	97.8	97.6	97.8	97.8	97.8	97.8	97.8	97.8
G E	150			89.4	93.1	96.3	97.8	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	78.6	98.6
GE	120	U I		89.4	93.1	96.7	98.2	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
		- 1									99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE GE	100			89.4	93.3	97.u 97.u	98.7	96.7 96.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	60			89.4	93.3	97.U	96.7	96.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	70			89.4	93.3	97.0	98.7	96.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	60	01		89.4	93.3	97.0	99.0	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	50			89.4	93.3	97.1	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E	40			89.4	93.3	97.1	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0 100.0
6 E	30 201			89.4 89.4	93.3	97.1 97.1	99.1	99.1	99.7 99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	10			89.4	93.3	97.1	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0			100.0
O.C.		٠,		3,11				,,,,								3.000		
GE		οl		89.4	93.3	97.1	99.1	99.1	99.7	100.0	100.0	100.0		100.0				100.0

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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AIR WEATHER SERVICE/MAC

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AR GERMANY

PEPIOD OF RECORD: 74-83
MONTH: SEP HOURSILS HOURS(LST): 2100-2300 VISIBILITY IN HUNDREDS OF METERS
GE OF CEILING GE 32 GE 24 GE GŁ FEET | 160 20 16 96 80 48 40 12 10 60 NO CEIL I 46.0 49.6 53.4 53.8 53.9 54.4 54.9 55.0 55.0 55.1 55.1 55.1 GE 200001 54.4 54.9 58.4 58.9 59.6 60.0 59.7 60.1 60.1 60.6 60.2 60.7 60.2 61.J 50.0 60.7 60.7 60.8 60.9 61.0 61.1 61.1 61.2 61.3 50.4 58.9 59.0 60.7 61.1 61.2 61.2 61.4 61.6 61.4 GE 160001 50.4 54.9 60.J 60.1 60.7 60.7 61.4 61.6 61.6 GE 140001 55.0 60.1 60.2 63.8 50.6 60.8 59.6 GE 120001 63.4 64.8 69.0 63.6 64.9 69.6 CE 100001 61.8 63.1 67.1 63.6 64.9 69.6 53.2 64.2 65.6 65.7 58.9 64.3 65.3 70.0 65.3 65.4 70.1 65.7 65.7 9000 54.2 57.2 10.3 80001 GE 10001 70.3 70.9 71.9 72.0 72.1 72.2 72.3 72.8 73.0 GE 60001 59.8 69.9 71.2 71.3 71.9 73.4 75.0 78.6 75.1 78.7 75.8 79.3 76.3 79.9 76.8 80.3 77.1 GE Spool 68.3 76.3 76.8 76.9 77.3 77.1 77.1 71.7 79.9 80.3 80.4 80.6 80.7 80.7 80.7 65.9 71.0 45001 υE 82.3 85.0 86.1 86.2 86.3 86.3 4030 76.9 84.1 84.3 85.6 85.6 86. G 86.0 86.3 88.7 35001 79.2 67.3 87.9 87.9 88.3 88.3 GE 72.9 84.7 86.4 86.7 94.2 94.9 95.0 95.7 96.3 G€ 25001 78.6 79.2 91.3 92.0 92.1 93.3 93.6 95.1 95.1 95.6 95.6 95.7 85.1 94.2 95.8 96.2 96.4 96.6 97.0 96.6 96.6 96.7 20001 85.8 94.0 95.8 96.6 96.4 96.3 96.7 18001 79.3 94.1 95.9 GE 85.4 GE 15501 92.5 96.8 97.1 97.1 97.9 98.2 GE 12001 80.1 86.8 93.1 95.4 95.7 96.6 97.4 98.0 98.1 98.2 98.2 GE GE 1000| 80.3 80.3 87.1 93.4 95.8 96.0 96.0 96.2 96.9 97.1 98.1 98.3 98.1 98.6 98.8 98.6 98.7 98.9 98.8 99.0 98.9 99.1 98.9 98.9 87.2 93.b 93.8 97.2 98.4 98.4 98.9 98.9 99.0 99.1 99.2 99.2 6 E ephi 80.4 96.1 96.3 99.2 7001 96.1 96.3 GE 80.4 19.6 6001 80.4 99.7 99.7 99.7 5001 99.1 99.9 87.3 96.7 99.1 80.6 96.4 99.6 GE GE 87.3 94.1 97.9 99.1 99.6 99.8 99.9 99.9 4001 80.6 96.7 3001 99.1 99.9 99.9 80.6 96.7 2001 94.1 97.9 99.1 99.6 99.6 99.7 99.8 99.9 99.9 99.4 99.6 99.6 99.7 99.8 99.9 99.9 GE 1001 80.6 87.3 94.1 95.4 96.7 97.9 99.1 99.1 6E n i 87.3 94.1 96.4 96.7 97.9 99.1 99.1 96.4 99.6 99.7 99.9 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF CCURRENCE OF CFILING VERSUS VISIALLITY FROM HOURLY OBSERVATIONS

STA	TION NU	JMBER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMAN	1			PE 710D		ORD: 74			
															(LST):	ALL	
	LING							VISIBIL									
1	N I	51	GE	GE	6F	GE	GE	GE	GE	GE	3.0	SL	GE	GE	GE	GE	G E
FE	ET	160	90	80	60	48	40	3.7	24	20	16	12	1 3	8	5	4	, i
• • •	• • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • •
	cr *. 1		•••	20. 2			• •				42.7	42.5	42.6		43.4	43.9	44.6
NU	CEIL		31.9	34.3	37.7	39.3	39.1	40.0	40.7	41.0	42.3	42.5	42.8	43.1	43.4	43.9	44.6
G E	200001		36 . /	39.6	43.4	45.D	45.2	46.1	46.9	47.3	48.5	45.8	49.1	49.4	49.8	50.3	51.2
GE	10001		37.0	39.9	43.7	45.3	45.4	46.8	47.2	47.5	48.8	49.1	49.3	49.7	50.1	50.5	51.4
6 E	100001		37.4	39.9	43.7	45.3	45.4	46.4	47.2	47.5	48.8	49.1	49.3	49.7	50.1	50.5	51.4
GE	140001		37.0	40.0	43.8	45.3	45.5	46.5	47.2	47.6	48.9	49.2	49.4	49.8	50.1	50.6	51.5
C E	120001		37.7	40.7	44.5	46.0	46.2	47.2	47.9	48.3	49.6	49.7	50.1	50.5	50.8	51.3	52.2
_							-172	7212			12272						
	100001		40.0	43.0	47.1	49.7	46.9	49.9	50.7	51.1	52.5	52.9	53.1	53.5	53.9	54.3	55.2
GE	90001		41.1	44.3	46.4	50.0	50.2	51.2	52.0	52.4	53.8	54.2 59.4	54.4	54.8	55.2	55.6	56.5
6 E	70301		45.5	47.9	52.3 53.4	54.0	54.2 55.4	55.3 56.6	56.2	56.6 57.8	58.D 59.3	59.6	58.6	59.0 60.3	59.4	59.9	66.4
6E			46.3	49.8	54.2	56.1	56.3	57.4	58.3	58.7	60.1	60.5	60.7	61.1	61.5	67.0	63.0
OL	00001		40.3	47.0	34.2	20.1	30.3	21.4	30.3	30.1	00.1	00.5	60.7	01.1	41.3	07.0	63.0
GE	50001		49.1	52.9	57.8	59.8	60.0	61.2	62.2	62.6	64.1	64.5	64.7	65.2	65.6	66.1	67.1
GE	4500		52.5	56.5	61.4	63.5	63.7	65.0	65.9	66.4	68.U	68.3	68.6	69.0	69.4	69.9	71.0
ĿΕ	40001		57.0	61.2	66.8	69.1	69.3	70.7	71.7	72.2	73.8	74.2	74.5	74.9	75.3	75.8	76.9
GE	3500		50.1	64.6	70.5	72.9	73.2	74.6	75.6	76.1	77.8	79.1	78.4	78.9	79.3	77.8	86.9
υE	30001		65.7	70.6	77.3	80.0	80.3	81.9	83.1	83.6	85.5	85.9	86.2	86.7	87.1	67.6	88.7
	25001			• • •	••												
GE GE	2500 2000		66.6	71.6	78.4	81.2	51.6	83.3	84.5	85.0	86.9	87.4	87.7	88.1	P8.6	89.1	96.2
GE	18401		68.5	73.7	80.4	83.3	83.7 83.9	85.5	86.8	87.5	89.3	89.7 90.0	90.0	90.5	91.2	91.4 91.7	92.5
CE	15301		69.4	74.7	81.6	84.9	85.2	87.2	88.5		91.1	91.5	91.8	92.3	92.7	73.2	94.5
GE	12001		69.9	75.1	82.4	85.7	86.0	88.0	69.3	69.1	92.0	92.4	92.8	93.2	93.7	94.2	95.3
O.L	12001		0747	13.1	02.4	0347	00+0		0743	(1767	72.0	72.4	72.0	7344	43.1	74.64	73.3
6 E	10001		70.0	75.3	82.8	86.2	86.5	88.5	90.0	90.6	92.7	93.1	93.4	93.9	94.4	94.9	96.0
GE	900		70.0	75.3	82.9	86.2	86.6	88.5	90.0	90.7	92.8	93.2	93.5	94.0	94.5	95.0	96.1
GE	EUni		70.0	75.4	83.0	86.3	86.6	88.6	90.1	90.7	92.9	93.3	93.6	94.1	94.6	45.1	96.2
GE	7001		70.0	75.4	83.0	86.3	86.7	88.7	90.2	90.8	93.0	93.4	93.7	94.2	94.7	95.2	96.3
GE	e on I		70.0	75.4	83.0	86.4	86.7	88.8	90.3	91.0	93.1	93.6	93.9	74.4	94.9	95.4	96.5
						20		10/11/12									
GE	5001 4001		70.1 70.1	75.4	83.0	86.5	86.8	88.9	90.4	91.1	93.3	93.8	94.2	94.7	95.2	95.7	96.8
üE	3001		70.1	75.4	83.1 83.1	86.5	96.8	88.9	90.5	91.1	93.5	93.9	94.2	94.8	95.3	95.8	96.9
GE.	2301		70.1	75.4	93.1	86.5	86.8	88.9	90.5	91.2	93.5	94.0	94.4	94.9	95.6	96.4	98.2
6F	1001		70.1	75.4	83.1	86.5	56.8	88.9	90.5	91.2	93.5	94.0	94.4	94.9	95.6	96.5	99.2
U	101		10.1	1314	03.1	90.3	20.0	00.7	7043	71.06	,,,,	7761	74.4	74.7	~7.0	7013	7706
GE	01		70.1	75.4	83-1	86.5	86.8	88.9	90.5	91.2	03.5	94.0	94.4	95.0	95.7	97.1	140.0

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STA	TION NO	JMBER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMANY					OF REC				
												HONTH	: 001	HOURS	(LST):	U000-0	200
		• • • • •			• • • • • • •	• • • • •							• • • • • •	• • • • • •	• • • • • •	• • • • • •	**********
	LING							VISIBILI									
	N I	GT.	GE	GL	GE	GE	CE	GΕ	ŝΕ	GE	CE	GE	Gŧ	GE	٥Ĺ	ůF	l E
FŁ		160	90	80	60	4 8	4 D	5.2	24	20	16	17	10	4	5	4	u
• • •	• • • • • •	• • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
				10 6	20.2	74 0	20. 2	34 5		22 4	31.5				75 3	,, ,	
N U	CEIL		17.4	18.9	22.3	24.0	24.3	26.5	27.7	29.4	31.5	31.6	32.4	33.5	35.0	36.6	37.5
1.8	ן חטחט 2		19.3	21.0	24.6	26.6	27.0	29.6	30.8	31.5	35 . U	35.2	36.0	37.1	18.8	47.4	41.4
	180301		19.3	21.0	24.8	26.6	27.0	29.6	30.8	31.5	35.0	35.2	36.0	37.1	38.8	47.4	41.4
	160001		19.3	21.0	24.6	26.6	27.0	29.6	33.8	31.5	35.0	35.2	36.0	37.1	38.8	47.4	41.4
	140001		19.4	21.1	24.9	26.7	27.1	29.7	30.9	31.6	35.1	35.3	36.1	37.2	38.9	40.5	41.6
uf	120001		19.7	21.4	25.2	27.0	27.4	30.7	31.2	32.0	35.4	35.6	36.4	37.6	19.2	40.8	41.9
GE	100001		21.1	22.8	26.6	29.4	26.8	31.4	32.6	33.4	36.8	37.0	37.0	39.0	40.E	42.2	45.3
GE	96301		21.5	23.4	27.1	29.0	29.4	32.0	33.2	33.9	37.6	37.5	38.5	39.8	41.4	43.1	44.1
GE	80391		22.9	24.8	28.7	30.6	31.0	33.6	34.9	35.8	39.7	39.9	40.7	42.0	43.6	45.2	46.3
6€	1000		23.3	25.1	29.1	30.9	31.4	34.0	35.3	36.3	40.2	40.4	41.1	42.4	44.0	45.6	46.7
6.5	P0001		23.4	25.2	29.2	31.0	31.5	34.1	35.4	36.4	40.4	40.6	41.3	42.6	44.2	45.9	46.9
υE	SCUPI		25.2	27.3	31.5	33.4	33.9	36.8	38.2	39.2	43.5	43.7	44.5	45.7	47.4	49.0	5u • 1
CL	45001		31.5	34.6	39.2	41.1	41.7	44.6	46.0	46.9	51.5	51.7	52.4	53.7	55.3	56.9	56.6
U.E	40001		36.2	39.9	45.1	47.4	47.9	51.1	52.5	53.5	58 . 7	58.9	59.6	60.4	42.5	64.2	65.2
0.5	35UN) 3000)		38.2	42.0	47.6 53.7	50.3	50.8	54.0	55.4	56.4 63.0	61.6	61.8	62.5	63.8	45.4 72.7	67.1	68.1
CL	201701		42.0	47.0	23.1	56.6	31.2	67.5	61.9	63.U	68.4	65.7	69.5	17.4	12.1	14.4	75.5
6 €	25 001		44.8	49.3	56.3	59.3	59.8	63.2	64.7	65.8	71.2	71.5	72.3	73.7	75.5	77.2	76.3
5 F	10015		46.9	51.7	59.3	62.4	63.0	66.3	67.8	68.9	74.3	74.6	75.5	76.9	78.6	87.3	81.4
L.E	10001		47.9	52.7	60.4	63.5	64.D	67.4	68.9	70.0	75.3	75.7	76.5	77.9	79.7	01.4	82.5
JE	isani		49.5	54.4	63.0	66.1	66.6	70.3	72.3	73.4	78.8	79.1	80.0	81.4	P3.1	84.8	85.7
6E	12001		49.7	54.6	63.7	66.8	67.4	71.2	73.6	74.7	80.1	87.4	81.3	82.7	84.4	66.1	87.2
66	1070		50.6	55.4	54.9	64.5	69.1	73.3	76.0	77.1	92.8	83.1	84.0	85.4	P7.1	48.8	89.9
υE	9601		50.8	55.7	65.6	69.3	70.0	74.2	77.3	78.4	84.3	84.6	85.5	86.9	88.6	97.3	91.4
6 E	8001		50.8	55.6	66.0	69.5	70.2	74.6	78.3	79.3	A5.7	86.0	86.3	88.3	90.0	91.7	92.6
G.F.	700		50 . 6	55.8	66.0	69.6	70.3	74.9	78.6	79.7	86.2	84.5	87.4	58.8	90.5	92.2	93.3
GE	1703		50.8	55.8	46.0	69.6	76.3	75.5	79.1	80.2	87.2	87.5	88.4	89.8	91.5	93.2	94.5
L E	5001		50.8	55.8	66.0	69.6	70.3	75.5	79.1	80.2	#7.2	87.5	88.4	87.8	91.6	93.4	94.5
GE	4301		50.8	55.8	66.D	70.0	70.6	75.8	79.4	8 3.5	A7.6	88.2	89.0	90.4	92.2	74.1	95.3
SE	2001		50.8	55.8	66.U	79.0	70.6	75.8	79.4	80.6	87.9	80.7	89.8	91.2	*3.0	94.8	96.4
SE	2001		50.8	55.6	66.0	70.U	70.6	75.9	79.5	80.8	A8 . 2	87.0	90.1	91.5	93.3	95.7	96.3
G E	1001		50.8	55.8	66.0	79.0	70.6	76.0	79.7	80.9	A6.3	87.1	97.2	91.6	93.4	95.8	100.0
	,								•						,	7	
GF	nΙ		50.8	55.8	66 . D	70.0	70.6	76.0	79.7	80.9	88.3	89.1	90.2	91.6	03.4	95.8	106.0

GLOVAL CLIMATOLOGY PHANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VEHSUS VISIBILITY FROM HOUFLY OBSCRVATIONS

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AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 74-83 STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY MONTH: OCT HOURS(LST): L160-0500 VISIBILITY IN HUMBHEDS OF METERS CEILING GE 24 IN | 51 FEET | 160 LE GE 32 ΒE GE GE GŁ GE GE 1.1 GΕ 90 40 20 10 HO CEIL ! 14.7 14.7 14.6 19.8 19.9 22.4 22.4 22.5 10.5 29.0 GE 2 onant 13.1 18.0 21.1 23.5 26.8 26.9 27.4 33.1 34.8 21.1 23.3 26.8 26.9 21.9 27.4 29.0 34.0 GE 180001 13.1 10.0 10.5 30.6 18.1 20.0 53.2 LE 160JOI 13.2 29.1 27.0 13.6 34.7 6F 140071 13.2 14.0 19.9 26.0 21.2 22.5 23.4 26.9 27.5 18.1 13.2 GE 120001 15.9 21.0 22.0 21.1 22.3 23.5 24.5 25.7 28.0 29.1 29.1 28.6 30 . 2 31.7 of Lungal 14.3 19.1 34.3 36 . .. 14.9 16.7 20.1 29.2 27.8 31.5 13.0 35.6 37.3 ĿE 90001 80071 16.2 18.1 21.8 23.8 23.9 25.2 26.6 27.5 31.1 31.2 31.7 33.4 34.9 37.5 34 . . 70201 39.2 21.0 23.9 27.5 33.4 34.9 37.5 6 16.2 18.1 23.9 25.2 26.6 11.1 31.2 31.7 31.9 35.8 υE 68301 16.9 18.7 32.6 46.1 24.4 36.1 24.7 27.0 27.2 28.6 30.3 31.4 35.€ 36.3 39.8 Shan I 18.5 2 (1 . H 35.7 42.4 44.1 45001 23.0 26.1 42.0 44.4 46.1 48.7 56.4 400r 29.0 32.6 37.5 40.2 40.4 41.9 43.8 44.9 49.5 49.9 51.4 50.6 52.4 54.1 58.3 56.7 56.4 53.2 60.5 35001 51.9 35.7 40.8 43.8 44.D 45.5 47.4 48.6 54.5 56.2 64.3 47.6 59.0 59.8 67.6 30401 34.9 47.4 49.6 61.5 63.2 05.4 44.4 52.0 55.3 36.2 40.0 40.4 46.5 51.0 49.5 54.0 49.7 54.4 51.6 56.3 54 • 1 58 • 9 60.1 64.9 65.7 61.9 63.7 65.4 70.3 68.1 73.0 2 4 0 0 1 69.0 20001 74.7 6E 15001 40.1 44.3 51.1 54.3 54.8 56 . A 59.5 63.8 65.6 66.3 67.4 69.1 71.0 73.7 75.4 47.4 61.3 70.6 7A.8 G F 43.2 55.4 59.6 59.1 64.4 65.7 76.1 86.5 12001 43.3 56.1 59.4 66.0 72.7 8. . . υE 60.U 62.4 57.J 58.J 63.7 74.6 76.3 75.4 77.1 75.2 79.9 68 10401 48.2 60.9 44.0 60.2 67.4 6d.7 70.3 76.5 78.2 PU-1 02.3 64.5 61.4 9001 44.3 44.5 62.0 68.9 4.5 79.9 77.8 GE 8.40 44.9 49.1 59.L 63.1 66.2 73.4 71.9 78.1 81.6 A3.5 06.2 88 ... 67.1 740 78.9 L.F 45.4 49.6 59.5 63.0 63.7 67.0 71.3 72.8 80.8 82.5 80.8 6001 υ£ 6 £ 5301 49.6 81.6 89.1 45.4 59.5 59.5 63.7 69.0 72.3 73.9 8L.9 82.7 85.2 46.5 47.2 90.4 89.9 91.2 4001 63.3 63.7 72.6 91.6 74.8 #2.6 #2.7 AB.3 95.8 GE 3001 45.4 49.6 59.5 63.3 63.7 64.3 72.9 84.4 86.1 84.6 230 72.9 86.3 #9. U 49.6 59.5 69.3 83.4 6E 45.4 63.0 63.7 74.8 1001 49.6 59.5 43.7

ICIAL NUMBER OF OBSERVATIONS: 230

45.4

49.4

59.3

63.0

65.7

68.3

21

a f

73.0

74.9

82.6

67.5

84.7

84.5

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4

94.0 10U.U

GLOBAL CLIMATCLUCY HRANCH USAFLTAC

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PERCENTAGE FREQUENCY OF OCCUMPENCE OF CFILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

- A

ATR WEATHER SERVACE/MAC

STATION NUMBER: 106140 STATION NAME: PANSTEIN AR CERMANY PEPIDO OF RECORD: 74-87 MONTH: OCT HOURS (LST): U600-0800 VISIBILITY IN HUNDREDS OF MITERS CEILING GL 4 uE IN I ηĘ GF 24 GE 10 GE GE 37 64 C.E GE GE 160 97 ьu 60 48 40 20 16 12 10 NO CEIL I 13.2 10.6 15.5 15.3 15.4 15.5 13.8 14.7 17.4 17.4 17.5 19.2 GE 200301 10.5 14.0 15.6 15.6 15.7 15.8 22.3 22.4 22.6 24.4 9.5 12.3 18.3 17.7 9.5 10.5 17.7 GE IBCUDI 12.3 18.3 CE TEDUJI 14.8 18.4 24.5 12.4 14.1 14.4 14000 9.6 14.2 18.0 10.€ 12.5 14.3 GF 120001 9.6 10.0 14.0 14.9 15.5 17.6 14.0 18.4 18.5 19.5 24.8 15.7 15.7 16.3 GE 100001 16.5 18.6 16.8 15.5 15.8 10.6 11.H 12.4 20.2 21.7 22.8 25.9 6 F 90001 14.0 29.1 20.8 27.1 14.5 20.9 eroni 18.6 18.9 21.2 21.8 υE 26.0 Trunt 18.0 18.9 19.2 21.2 22.2 60001 11.7 12.9 15.1 16.7 16.9 10.2 19.1 19.5 71.6 21.9 22.0 22.0 23.7 26.9 29.1 23.9 26.5 32.7 22.2 25.3 31.0 37.3 25.9 71.6 33.3 25.# 31.5 UF SCUDI 14.5 17.1 19.0 19.5 10.9 33.1 22.4 32.2 GE 45 101 17.2 19.1 24.5 25.1 28.3 36.6 36.8 40001 24.3 28.2 30.8 31.3 38.0 14.7 41.0 22.3 45.5 3" 301 25.5 28.1 32.6 35.6 36.1 17.6 39.0 39.6 42.3 42.3 42.9 43.4 ... 49 ... Stor 30401 32.6 49.8 ₽E 29.8 37.8 41.0 41.5 43.0 44.5 45.7 48.9 50.0 50.9 2.5 55.6 58 . . υĒ 48.6 51.8 52.7 5*.3 52.9 58.5 53.9 25001 31.7 34.5 40.5 43.7 44.2 45.5 47.7 55.2 58.5 66.4 ומנחג 36.0 38.9 49.0 50.8 52.9 64.9 45.3 64.2 66.6 39.1 49.7 58.1 64.8 υE 16901 36.2 49.1 51.4 53.5 54.5 58.9 59.1 67.0 61.5 67.2 1: unl 67.5 υE 51.6 55.4 58.1 60.5 61.5 66.5 66.7 74.7 46.5 69.0 53.1 67.6 41.5 62.6 63.5 69.6 71.6 72.8 ı₂ € 10301 54.1 77.6 70.9 *3.2 41.8 45.2 54.2 58.7 61.2 63.9 64.8 16.6 78.9 63.4 66.9 73.8 75.1 75.3 1004 42.5 45.0 54.8 59.4 66.1 65.9 72.7 12.9 78.6 81.4 55.5 66.7 74.1 82.3 υF 46.1 60.0 60.8 42.A 55.1 60.3 61.1 64.1 66.0 68.9 78.4 61.7 56 46.1 6071 46.1 67.6 75.8 78.7 61.7 100 42.0 46.1 56.1 63.9 65.2 69.5 10.6 76.7 78.7 79.8 87.1 77.8 79.5 81.5 5 E 4001 42.8 46.1 56.1 60.9 61.7 65.7 70.0 71.3 80.4 82.0 .3.1 88.6 92.3 66 TUP 46.1 60.9 84.9 2001 46.1 56.1 60.9 70.4 84.0 P6.0 1001 42.8 46.1 56.1 63.9 61.7 65.7 73.4 79.2 81.5 82.1 84.0 86.2 91.5 99.6 äΕ 21 60.7 61.7 65.7 77.4 71.9 75.2 81.3 A2.7 44.0 46.2 91.7 166.0

TOTAL NUMBER OF DISERVATIONS: 730

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FERCENTAGE FREQUENCY OF GCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

511	ATION N	UMBLR:	106147	STATIO	N NAME:	RAMS	TEIN AR	GEPHANY					CF REC		-83	H9UD-11	u0
	LIMG	• • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •		visiaili					• • • • • • • •				•••••
	N I	61	GE	GE	GE	GE	GE	GE.C.	GF	GE	GE	GE	6 L	G€	GE	GE	ut
	LI I	160	9.3	90	66	43	40	32	24	20	16	12	10	8	5	- 4	J
• • •																	
N3	CEIL !		6.0	6.9	9.0	10.3	10.4	10.5	11.0	11.1	11.7	11.9	11.9	11.9	12.0	13.7	14.6
	Socoul		8 . 7	9.7	12.4	14.0	14.2	14.7	15.3	15.5	16.7	17.0	17.1	17.2	17.5	19.4	20.0
	190701		8.7	7.7	12.4	14.0	14.2	14.7	15.3	15.5	16.7	17.0	17.1	17.2	17.5	19.4	20.6
	160001		8.7	9.7	12.4	14.0	14.2	14.7	15.3	15.5	16.7	17.0	17.1	17.2	17.5	19.4	20.6
	140001		8.7	3.7	12.4	14.0	14.2	14.7	15.3	15.5	16.7	17.0	17.1	17.2	17.5	19.6	26.9
157	150701		8.9	9.9	12.6	14.4	14.6	15.2	15.7	15.9	17.1	17.4	17.5	17.6	18.0	20.0	21.3
uE	100301		9.9	10.9	13.7	15.6	15.8	16.5	17.0	17.2	18.5	18.5	18.9	19.0	19.5	.1.5	22.6
GE	90001		10.4	11.4	14.4	16.3	16.6	17.4	18.0	18.2	19.6	19.9	20.0	20.1	20.5	27.6	23.4
⊌E.			11.3	12.8	16.3	15.4	18.7	19.8	20.3	20.5	21.9	22.3	22.4	22.5	25.3	24.9	26.2
6 E			11.6	13.2	16.8	19.0	19.4	20.4	21.0	21.2	22.6	22.9	23.0	23.1	23.5	25.6	26.1
ωE	60001		12.2	13.9	17.4	19.7	50.0	21.1	21.6	21.8	23.2	23.5	23.7	25.0	24.2	* 6 * 5	27.5
J.J	scunt		12.8	14.6	16.8	21.2	21.6	22.7	23.2	23.4	25.6	25.9	26.0	26.1	26.7	28.8	30 - 1
GE	4*001		15.7	18.1	23.4	26.0	26.6	27.6	28.3	28.5	30.9	31.2	31.3	31.5	32.0	34.2	35.5
66	40001		18.2	21.3	27.3	30.2	30.9	32.0	32.8	33.0	35.4	35.7	35.8	36.0	36.6	38.7	46.0
0 € 6 €	350n		19.6	23.7	30.1	33.2	33.9	35.3	36 . D	36.3	36.7	39.0	39.1	39.4	39.9	42.0	43.3
U C	3000		23.9	28.4	35.5	39.1	39.8	41.2	42.4	43.0	46.2	46.7	46.8	47.1	47.6	49.8	51.1
υE	25001		26.9	31.7	39.6	45.3	44.0	45.5	46.7	47.3	50.6	51.1	51.2	51.5	52.0	54.2	55.5
6E	50001		29.7	34.9	43.4	47.8	48.5	50.3	51.7	52.6	56 . 1	54.6	56.7	57.0	57.5	59.7	61.0
JE	16001		30.1	35.6	44.4	48.8	49.5	51.3	52.7	53.5	57.1	57.5	57.6	58.0	58.5	60.6	61.9
G.E	15001		33.8	39.9	50.0	55.1	55.8	58.1	59.6	60.6	64.5	64.9	65.1	65.4	65.9	69.1	69.4
ψĒ	15701		36.6	43.0	53.5	59.2	60.2	62.8	64.3	65.4	69.5	10.0	70.1	70.4	71.6	73.1	74.4
υE	10201		37.3	44.2	55.9	62.4	63.3	66.3	68.1	69.1	73.4	74.0	74.1	74.4	74.9	77.1	70.4
GE	9001		37.6	44.5	56.9	64.2	65 . 3	68.4	70.4	71.5	75.8	76.3	76.5	76.8	77.3	79.5	84.8
G €	6001		37.8	44.7	57.2	64.6	65.7	68.8	70.9	71.9	76.2	76.8	76.9	77.2	77.7	79.9	81.2
υŧ	7001		38 . 2	45.1	57.5	65.4	66.5	69.7	72.3	73.3	78.3	74.4	79.1	79.5	PQ.0	62.2	83.4
6 €	6001		36.2	45.1	58.0	6.4	67.1	70.6	73.4	74.5	79.8	84.3	80.6	81.1	81.6	63.8	85.1
6.6	5001		38.2	45.1	26	66.1	67.3	71.3	74.3	75.5	A1.5	82.2	82.7	83.0	43.5	c5.9	87.2
ĿΕ	4301		36.2	45.1	50.6	66.1	67.3	71.4	74.4	75.8	83.1	83.9	84.7	85.2	85.7	48.2	89.7
GE	Juni		38.2	45.1	58	66.1	67.3	71.4	74.7	76.3	84.0	84.9	85.9	86.6	87.5	90.0	92.7
C E	5001		30.2	45.1	58.2	66.1	67.3	71.4	74.7	76.5	A4 . 7	85.7	96.8	87.8	89.5	92.5	96.6
ù €	1001		38.2	45.1	58.2	66.1	67.3	71.4	74.7	76.5	84.8	85.8	66.4	88.0	P9.5	93.1	99.6
5 F	21		₹8.2	45.1	58.2	66.1	67.3	71.4	74.8	76.6	84.9	85.9	87.0	88.1	89.7	93.3	101.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

and the state of

STATION NUMBER: 106140 STATION NAME: PAMSTEIN AB GERMANY

		BER: 106140									HONTH	: 001		(LSTI:		•10
	LING	••••••	•••••	••••••	• • • • • •		VISIBIL					•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • • •
FE:	LT j	31 LE 160 90	6E 66	GF fiu	GE 46	6 f 4 a	GE 3 ?	GF 24	υ£ 20	GE 16	GE 12	6E 10	GE 0	GE 5	GE 4	6 F ()
NO.	CETL 1	14.2	15.1	17.1	18.3	16.4	19.9	19.1	19.1	19.6	19.6	19.8	19.8	1 > 6	19.8	19.8
uf .	100001	18.6	19.7	22.3	23.7	23.8	24.4	24.7	24.9	25.6	25.6	25.8	25.0	25.6	25.8	25.0
L E	190001	18.6	19.7	22.3	23.7	23.8	24.4	24.7	24.9	25.6	25.6	25.8	25.8	25.8	25.0	25.8
	T P D D L	16.7	19.6	22.4	23.8	23.9	24.5	24.8	25.1	25.7	25.7	25.9	25.9	25.9	25.9	25.9
	140001	16.7	19.8	22.4	23.8	23.9	24.5	24.8	25.1	25.7	24.7	25.9	25.9	75.9	25.9	25.9
υE	120001	20.1	21.2	23.4	25.3	25.4	26 . C	26.3	26.6	27.2	27.2	27.4	27.4	27.4	27.4	27.4
6 E	toppul	20.9	21.9	24.9	26.5	26.6	27.2	27.6	27.0	28.5	28.5	28.7	29.7	28.7	29.7	26.7
GE	90001	21.5	22.6	25.9	27.4	27.5	28.2	28.6	28.0	29.5	29.5	29.7	29.7	29.7	29.7	29.7
ωE	8C10	23.3	24.5	26.2	29.8	20.9	30.5	31.0	31.2	31.8	31.0	32.0	32.0	12.0	32.0	32.0
υE	10001	23.4	24.6	28.3	30.0	30.3	31.0	31.4	31.6	32.3	32.3	32.5	32.5	32.5	32.5	32.5
GE	PL00	23.7	24.8	28.5	30.5	30.5	31.2	31.6	31.6	12.5	32.5	32.7	32.7	32.7	32.7	32.7
υE	50301	25.2	26.5	30.4	32 - 3	32.6	33.3	33.8	34.0	34.7	34.7	34.9	34.9	34.9	34.9	34.9
GF	45001	29.0	30.5	35.2	37.2	37.5	30.3	38 . 7	38.9	39.9	39.9	40.1	40.1	.0.1	40.1	46.1
6E	40001	32.2	33.7	38.6	40.8	41.1	41.9	42.4	42.7	43.7	43.7	43.9	43.4	44.0	44.0	44 . ")
υE	35001	35.3	37.4	42.7	44.8	45.4	46.3	47.0	47.3	48.3	49.3	48.5	48.5	48.6	48.6	48.6
GF	30001	42.2	44.7	50.9	53.8	54.6	55.9	56.7	57.4	56.5	54.5	54.7	58.7	54.6	54.8	54.8
6 E	25.101	46.7	49.5	55.9	58.9	59.8	61.3	62.2	62.9	64.B	64.0	64.2	64.2	64.3	44.3	64.3
GE	20001	49.4	52.7	60.2	63.5	64.4	66.1	67.0	67.7	68.8	68.8	69.0	69.0	69.1	69.1	69.1
υE	10001	51.1	54.4	62.0	65.6	66.5	68.2	69.0	69.8	70.9	77.9	71.1	71.1	71.2	71.2	71.2
L E	15001	55.4	59.0	67.2	71.9	72.8	74.5	75.4	76.1	77.3	77.3	77.5	17.5	77.6	77.6	77.6
υE	1200	57.4	61.3	70.4	76.0	76.9	78.6	79.5	80.3	91.6	81.6	A1.8	91.	41.7	61.9	81.9
٤E	1can1	59.4	64.0	73.9	90.5	41.5	83.4	84.3	85.2	.6.6	86.6	86.8	86.8	A6.9	67.0	87.0
GE	9001	59.6	64.4	74.6	81.4	82.4	84.4	85.4	86.3	A7.7	87.7	88.0	88.0	P8 . 1	5.90	80.4
GE	1009	59.9	64.9	75.4	82.7	83.7	85.9	87.0	88.1	89.7	89.7	89.9	69.7	90.0	90.1	90.1
ĠΕ	7001	60.0	65.1	75.5	83.3	84.3	86.7	P7.8	89.0	90.6	97.6	90.9	90.9	91.0	91.1	91.1
GF	6001	6U.0	65.1	75.9	84.3	85.3	87.8	89.2	90.6	93.1	93.1	93.3	93.3	93.4	91.5	93.5
GE	Suni	60.0	65.1	76.0	84.4	85.6	+8.4	90.0	91.7	94.8	94.8	95.2	95.3	95.4	94.5	95.5
LE	4301	60.0	65.1	76.2	84.7	85.9	89.9	90.6	92.5	96.1	96.1	96.6	96.7	96.4	97.0	97.0
uŁ	3001	60.C	55.1	76.4	84.7	85.9	88.9	90.6	92.7	96.9	97.0	97.4	97.5	98.1	98.3	98.5
G F	2001	60.C	65.1	76.2	84.7	85.9	88.9	90.6	92.7	97.2	97.6	98.1	96.3	98.9	99.2	99.5
ŭΕ	1001	60.0	65.1	76.2	84.7	85.9	88.7	90.6	92.7	97.2	97.6	98.1	98.5	99.2	99.6	100.0
GE	01	60.0	65.1	76.2	84.7	85.9	88.9	90.6	92.7	97.2	97.6	98.1	98.5	99.2	99.6	120.0

PERCENTAGE FREQUENCY OF GCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PEPIOD OF RECORD: 74-83

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The same of the sa

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AR GERMANY

MONTH: OCT HOURS(LST): 1500-1700 VISIBILITY IN HUNDREDS OF METERS CEILING GE G€ G£ 5£ ĜΕ GE 40 32 FEET | 160 90 24 12 10 84 60 48 20 16 A NO CETL I 21.8 23.5 26.7 26.8 27.6 27.0 27.4 27.0 27.0 27.2 29.4 32.4 32.5 32.9 32.9 33.0 33.1 33.2 33.2 33.2 33.3 33.3 33.5 33.7 33.5 33.5 33.7 33.5 33.5 33.7 33.5 33.5 GE 20030 GE IBOUR! LE 160001 27.3 29.1 32.5 33.0 33.0 33.2 33.3 33.7 33.7 33.7 33.7 *3.7 33.7 33.7 33.0 CE 14CON 27.3 29.1 32.5 33.0 33.2 33.3 33.3 33.7 33.7 33.7 33.7 33.7 33.7 33.1 29.8 GE 120001 33.1 33.7 33.9 34.D 34.0 14.3 34.3 34.3 34.3 34.3 34.3 28.0 34.5 OE 100001 34.8 35.4 36.9 39.6 35.7 37.1 35.7 36.0 37.4 36.0 37.4 36.0 37.4 36.0 37.4 36.0 37.4 36.0 37.4 36.J 29.5 31.3 35.4 35.6 30.5 32.4 36.6 37.0 39.0 GE 80001 33.1 34.9 39.6 39.A 39.9 39.9 4C.2 40.2 40.2 40.2 40.2 40.2 40.2 41.1 GE 70001 34.2 36.0 40.1 90.6 40.8 41.0 41.1 41.4 41.4 41.4 41.4 41.4 41.4 41.4 υE 60001 40.2 40.8 40.9 SCUOL 37.6 39.6 45.3 45.3 GE 44.0 44.8 44.9 45.3 45.3 45.3 45.3 45.3 44.5 44.6 44.9 4500 41.5 49.1 49.2 49.6 49.9 49.9 49.9 55.3 55.6 55.6 GE 40301 46.6 48.9 54.0 54.1 59.6 54.9 55.2 55.3 55.6 55.6 55.6 55.6 55.6 3500 60.0 60.1 60.4 € E 30001 60.4 70.4 73.7 73.7 73.7 73.7 78.2 81.5 83.0 2500 | 2000 | 68.2 74.9 77.6 78 . ; P1 . 5 67.0 78.2 80.6 81.1 82.6 87.7 81.5 83.0 81.5 83.0 81.5 61.5 81.5 GE 80.2 80.3 81.0 83.0 79.0 81.7 82.5 83.0 18001 68.0 71.9 81.8 43.C GE 15001 GE 12001 72.2 77.0 86.6 97.4 90.5 91.3 91.6 91.9 92.8 92.8 92.8 92.8 92.8 92.8 92.8 94.8 94.0 72.7 72.8 92.4 6.F 10001 11.8 A7.A 92.6 93.3 93.7 94.0 94.8 94.8 94.6 94.8 54.8 95.3 95.3 94.4 95.3 9001 92.7 95.3 95.3 95.3 6E 78.0 88.0 88.3 93.4 94.0 97.6 830 72.9 78.2 93.0 93.2 94.0 94.6 95.9 95.9 95.9 97.6 űE 7071 73.2 78.5 58.6 94.3 94.7 95.7 96.3 96.A 97.6 97.6 97.6 97.6 97.6 űE 6001 86.7 94.8 98.3 98.3 98.3 Subi 99.2 99.5 99.9 GE 73.2 97.1 99.2 99.2 99.2 99.2 78.5 88.7 94.4 94.6 96.1 97.8 99.2 99.2 400 73.2 78.5 88.7 94.8 96.1 97.8 SE 94.4 78.5 99.9 99.9 GE 3001 73.2 A8.7 94.4 94.8 96.1 97.1 98.0 99.9 99.9 99.9 99.9 2301 18.5 GE 73.2 88.7 94.6 97.1 98.0 99.9 100.0 100.0 100.0 100.0 100.0 94.4 96.1 100.0 100 G E r I 100.0 100.0 100.0 100.0 100.0 100.0 73.2 74.8 96.1 97.1 98.0 99.9

TOTAL NUMBER OF OBSERVATIONS: 930

21/10/20

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GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 74-81 STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY MONTH: OCT HOURS(LST): 1800-2000 CEILING VISIBILITY IN HUNDREDS OF METERS IN FEET GE 32 GE GE GE GE GE GΕ GE 90 40 20 10 1 160 80 60 16 12 NO CEIL I 26.6 27.4 29.9 30.0 30.0 36.1 30.1 30.1 34.1 34.5 34.5 36.5 36.9 37.1 37.5 37.5 38.3 38.7 GE 200301 GE 180001 38.3 38.7 39.8 39.2 39.2 38.8 30.6 37.6 31.1 38.6 39.1 39.2 39.4 39.5 39.5 38.7 39.4 39.5 36.9 38.6 38.7 39.1 39.2 39.2 39.5 6E 160Jnl 31.1 SE 14PDD 38.7 39.1 39.2 39.2 39.2 39.4 39.5 GE 120001 31.9 35.4 37.7 38.4 38.5 39.5 39.6 39.6 40.0 4D.1 40.1 40.1 40.2 40.3 40.3 42.5 43.4 46.9 42.0 SE 100001 37.4 38.0 41.7 41.8 41.8 42.3 43.2 42.4 43.5 46.8 47.6 42.4 42.6 43.5 34.D 39.9 40.5 42.4 34.4 41.5 41.6 40.9 43.3 43.5 46.8 anoni 40.9 44.3 46.1 46.2 46.7 47.0 45.9 47.0 47.5 47.6 47.8 GE 70001 38 . 2 41.7 45.2 45.8 47.1 47.1 47.7 47.8 60001 48.4 GE 50001 41.9 49.0 49.9 51.1 51.2 51.7 45.6 50.0 51.2 51.6 51.7 51.8 51.9 45001 54.4 59.4 55.6 56.7 62.0 57.4 46.5 50.5 55.5 57.2 57.3 57.5 57.5 60.5 62.2 62.2 62.6 62.7 62.7 62.7 62.9 GE 51.1 55.2 62.9 35001 64.8 65.2 6 E snont 61.1 73.7 75.5 76.1 GE 25001 63.8 69.5 75.2 79.0 77.0 80.9 77.3 78.6 82.7 79.0 83.1 79.0 79.5 83.5 19.6 79.6 83.7 79.6 83.7 79.7 79.8 83.9 79.8 GE 20an1 66.7 81.2 83.1 83.9 84.6 84.7 84.9 10001 66.9 73.0 79.4 81.7 82.0 84.7 84.8 86.6 87.3 87.5 G€ 15001 67.6 74.2 81.2 83.9 84.2 85.9 86.7 12001 76.1 84.5 80.3 90.3 91.5 92.0 92.4 6E 69.1 92.2 93.3 94.4 95.2 95.9 10001 69.5 77.1 85.6 85.6 94.3 94.4 95.2 95.9 94.5 95.3 94.6 94.6 GΕ 89.8 92.0 77.2 77.6 95.4 9001 90.0 95.1 95.4 95.8 95.9 8001 90.2 93.D 94.5 96.0 96.1 96.1 GE 69.8 86.3 90.6 94.3 7401 69.8 90.4 6001 69.8 77.6 86.3 90.5 95.8 97.5 77.6 77.6 98.4 GE 5401 69.8 86.3 90.5 91.0 91.9 95.8 96.3 98.1 98.2 98.2 98.2 98.3 96.4 98.8 4001 98.7 98.8 98.9 91.2 99.4 6F 69.8 86.3 86.3 90.8 94.1 96.1 96.7 98.8 77.6 77.6 3001 96.8 98.9 99.0 99.2 99.4 49.5 99.5 99.2 79.4 96.2 97.8 98.9 99.0 99.2 99.5 99.8 6E 2001 69.6 86.3 91.2 91.1 96.8 1001 77.6 90.8 GE 21 91.2 94.1 98.9 99.0 99.2 99.2 99.4 99.5 100.0 77.6 86.3 90.8 96.2 96.8 69.8

TOTAL NUMBER OF OBSERVATIONS: 9

in 1

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45-14

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	ITION NI	UMBER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMAN	Y			PERIOD	OF REC	ORD: 74	-83		
												MONTH	: OCT	HOURS	(LST):	2160-23	100
		• • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •							• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••
	LING									HUNDRED!						•-	
	N I	61	GE	GE	GE	GE	GE	GE	Gľ	GE	GE	SE	GE	GE	6£	GE.	GE
	ET I	160	90	80	6 U	48	40	32	24	20	16	12	10	8	-		U
• • •		• • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
N 0	CETL I		25.3	27.0	30.3	31.3	31.7	33.8	34.3	34.3	35.9	35.9	36.2	36.6	36.9	37.4	36.1
NO	CEIL I		23.3	2110	30.3	21.03	34.1	33.0	34.3	34.3	33.7	3367	3012	30.0	30.7	3164	30.1
GF	200001		28.2	31.1	34.7	35.7	36.1	38.3	38.9	38.9	41.1	41.1	41.5	41.8	42.3	42.8	43.4
	180001		28.3	31.3	34.9	35.9	36.3	38.5	39.1	39.1	41.3	41.3	41.7	42.0	42.5	43.0	43.7
	160001		28.3	31.3	34.9	35.9	36.3	38.5	39.1	39.1	41.3	41.3	41.7	42.0	42.5	43.0	43.7
	140001		28.3	31.3	35.2	36.1	36.6	38.7	39.4	39.4	41.5	41.5	41.9	42.3	42.7	43.2	43.9
	120001		28.7	31.7	35.7	36.7	37.1	39.2	39.9	39.9	42.0	42.0	42.5	42.8	43.2	43.8	44.4
	,			••••	3000					• , • .						*****	
GF	100001		30.4	33.4	37.4	38.4	38.	41.0	41.6	41.6	43.8	43.9	44.3	44.6	45.1	45.7	46.3
	90001		30.5	33.8	37.7	38.7	39.1	41.3	41.9	41.9	44.1	44.2	44.6	44.9	45.4	46.0	46.7
GΕ	80001		33.0	36.2	40.4	41.4	41.8	44.0	44.7	44.7	46.9	47.0	47.4	47.7	48.2	48.8	49.5
GE	70001		33.8	37.0	41.2	42.2	42.6	44.7	45.5	45.5	47.6	47.7	48.2	48.5	48.9	49.6	50.2
GE			34 . 1	37.3	41.5	42.5	42.9	45.1	45.8	45.8	48.1	48.2	48.6	48.9	49.4	50.0	50.6
	•										11111		1.0				
GE	50001		37.0	40.2	44.5	45.5	45.9	48.3	49.0	49.0	51.4	51.5	51.9	52.3	52.7	53.3	54.0
GE	45001		43.3	47.3	52.6	53.8	54.2	56.6	57.3	57.3	59.7	59.8	60.2	60.5	61.0	61.6	62.3
GE	40001		47.5	51.7	57.4	59.8	59.4	61.7	62.7	62.7	65.1	65.2	65.6	65.9	66.3	67.0	67.6
GΕ	35001		49.7	54.2	60.4	62.3	62.8	65.2	66.1	66.1	68 . 6	6R.7	69.1	69.5	69.9	70.5	71.2
GE	30001		53.8	58.7	65.2	67.3	67.8	70.4	71.5	71.6	74.1	74.2	74.6	74.9	75.4	76.0	76.8
GE	2500		55.6	61.0	67.7	70.6	71.2	73.A	74.8	74.9	77.5	77.6	78.1	78.4	78.8	79.5	80.2
GE	SUUDI		58.8	64.5	72.2	75.4	75.9	78.6	79.7	79.8	82.4	82.5	82.9	83.2	83.7	84.3	85.1
CE	1900		59.4	65.1	72.8	76.0	76.6	79.2	80.3	80.4	83.1	83.2	83.7	84.0		85.1	85.8
GE	1500		6U.3	66.2	75.5	78.8	79.4	82.4	83.7	83.8	86.5	86.6	67.0	87.3	87.7	88.4	89.1
GE	1200		61.5	67.4	77.5	80.9	81.4	84.4	85.7	85.9	88.6	84.7	89.1	89.5	#9.9	90.5	91.3
										752		50.72					
GE	1000		61.8	67.7	78.1	81.7	82.3	85.6	87.0	87.4	90.4	90.5	91.0	91.3	91.7	92.4	93.1
GE	9001		61.8	68.0	78.6	82.3	92.9	86.2	87.7	88.2	91.5	91.6	92.0	92.4	92.8	93.4	94.2
GE	8001		61.9	68.3	78.9	82.7	83.3	86.9	88.5	88.9	92.5	92.6	93.0	93.3	93.8	94.4	95.2
GE	700		61.9	68.3	78.9	82.7	83.3	87.2	A9.0	89.5	93.0	93.1	93.5	93.9	94.3	94.9	95.7
υE	6001		61.9	68.3	78.9	82.8	93.4	87.3	89.4	90.0	93.8	93.9	94.3	94.6	95.1	95.7	96.5
GE	soni		41 0	40 7	20.0		4.		00 "	00.0	04 6	0.4.			05 7		96.7
GE	4001		61.9	68.3	78.9 78.9	82.8	83.4	87.3 87.3	89.4	90.U 90.1	94.8	94.1	94.5	94.8	95.3	95.9	97.6
űE	3001		61.9	68.3	78.9	82.8	83.4	87.3	89.5	90.5	95.4	95.5	96.2	96.7	97.2	93.0	98.9
GE	2001		61.9	65.3	78.9	82.8	#3.4	87.3	89.5	90.6	95.6	95.5	96.6	97.0	97.5	98.4	99.4
GE	1001		61.9	68.3	78.9	82.8	83.4	87.3	89.5	90.6	95.6	95.9	96.6	97.0	97.5	98.4	99.8
UL	1001		01.7	30.3	, 0 . 7	02.0	03.4	0113	01.03	70.0	77.0	7307	70.0	71011	77.3	70 14	, ,
GE	01		61.9	68.3	78.9	82.8	83.4	67.3	89.5	90.6	95.6	95.8	96.6	97.0	97.5	98.4	100.0
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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION	NUMRER:	106140	STATI	ON NAME:	RAHS	TEIN AB	GERMAN	1			PEPIOD MONTH	OF REC		-83 (LST):	ALL	
CEILING	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •				HUNDRED			• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••
IN	1 61	GE	GE	GE	GE	G€	GE	GE.	GE	GE GE	GE	GΕ	GE	GE	GE	GE
FEET	160	90	90	60	48	40	32	24	20	16	12	10	8	5	4	u
	• • • • • • •			• • • • • • •	• • • • • •	• • • • • •	• • • • • •			• • • • • •	• • • • • •	• • • • • • •			• • • • • •	
NO CEIL	1	16.0	17.5	20.0	21.2	21.4	22.2	22.7	22.9	24.3	24.4	24.6	25.1	25.6	26.8	27.6
GE 20000	n I	19.4	21.2	24.1	25.4	25.6	26.8	27.4	27.7	29.3	29.5	29.7	30.2	30.8	32.0	32.9
GE 18000	0	19.5	21.3	24.2	25.5	25.7	26.9	27.4	27.8	29.4	29.6	29.8	30.3	30.9	32.1	33.0
GE 16000		19.5	21.3	24.3	25.6	25.8	26.9	27.5	27.8	29.5	29.6	29.9	30 . 3	31.0	32.2	33.0
GE 14001		19.5	21.4	24.3	25.6	25.8	27.0	27.5	27.9	29.5	29.7	29.9	30.4	31.0	32 . 3	33.1
GE 12000	0 }	20.0	21.9	24.8	26.2	26.4	27.5	28.1	28.4	30.1	30∙2	30.5	30.9	71.5	32.8	33.7
GE 10000	01	21.3	23.1	26.2	27.6	27.8	28.9	29.5	29.9	31.5	31.7	32.0	32.4	33.1	34.3	35.2
GE 9030	οi	21.8	23.7	27.U	28.4	28.6	29.8	30.5	30.8	32.5	32.7	32.9	33.4	34.1	35.3	36.2
GE 8001	0	23.6	25.6	29.2	30.6	30.8	32.1	32.8	33.1	34.9	35.0	35.3	35 . R	36 . 4	37.7	38.6
GE 7000		24.0	26.1	29.7	31.1	31.4	32.7	33.4	33.7	35.5	35.6	35.9	36.4	37.U	38.3	39.2
GE 6030	DI	24.4	26.5	30.1	31.5	31.B	33.1	33.8	34.1	36 . D	36.1	36.4	36.9	37.6	38.8	39.7
GE 5000	01	26.4	28.6	32.5	34.1	34.4	35.8	36.6	37.0	39.1	37.3	39.6	40.1	40.8	42.1	42.9
GE 4500	n j	31.0	33.8	38.3	4D.1	40.4	41.8	42.6	43.0	45.2	45.4	45.7	46.2	46.9	48.2	49.1
GE 4000		35.4	38.4	43.4	45.4	45.8	47.3	48.2	48.6	51.C	51.2	51.5	52.0	52.7	54.0	54.9
GE 350		38.0	41.6	46.9	49.3	49.7	51.3	52.2	52.6	55.0	55.2	55.5	56.0	56.8	58.1	58.9
GE 3000	01	43.6	47.7	53.7	56.4	56.9	58.6	59.7	60.3	63.0	63.3	63.6	64.2	65.0	66.3	67.2
GE 2500	01	46.3	50.5	57.1	59.9	60.4	62.2	63.4	63.9	66.6	66.9	67.3	67.9	68.6	70.D	74.9
SE 2000	οj	49.3	53.8	61.0	64.1	64.6	66.5	67.8	68.4	71.1	71.4	71.8	72.4	73.2	74.5	75.4
GE 1800	01	50.0	54.5	61.9	65.1	65.6	67.5	68.8	69.5	72.2	72.5	72.9	73.5	74.3	75.6	76.5
GE 1500		52.7	57.6	65.9	69.5	70.1	72.2	73.7	74.4	77.3	77.7	78.0	78.6	79.4	60.7	81.6
GE 1200	01	53.9	59.0	68.2	72.2	72.8	75.1	76.8	77.6	AD.6	81.0	81.3	81.9	82.7	84.0	84.9
GE 1000	01	54.6	60.0	69.7	74.1	74.8	77.4	79.2	80.0	83.3	83.7	84.0	84.6	#5.4	86.8	87.7
GE 900	0 (54.9	60.3	70.3	75.0	75.7	78.3	80.4	81.2	84.7	85.1	85.4	86.0	86.8	88.1	89.4
6E 80:		55.1	60.6	70.6	75.7	76.3	79.1	81.3	82.2	85.8	86.2	86.6	87.1	87.9	69.3	90.2
GE 700		55.3	60.7	71.0	76.1	76.8	79.8	82.3	83.1	86.9	87.3	87.7	88.3	89.1	97.4	91.3
GE 600	01	55 • 3	60.7	71.2	76.4	77.1	80.5	83.1	84.1	88.2	88.6	89.1	89.7	90.5	91.8	92.7
GE 500	0	55.3	60.7	71.2	76.5	77.2	80.7	83.4	84.5	89.C	89.4	89.9	90.6	91.4	92.8	93.7
GE 400	D	55.3	60.7	71.2	76.6	77.3	80.9	83.7	84.9	89.9	90.4	91.D	91.6	92.4	93.9	94.9
ŭ€ 300	1	55.3	60.7	71.2	76.6	77.3	81.0	83.9	85.2	90.5	91.2	91.9	92.6	93.5	95.B	96.4
GE 200		55.3	60.7	71.2	76.6	77.3	81.3	83.9	85.3	90.8	91.5	92.3	93.0	94.2	96.0	96.2
6E 100	01	55.3	60.7	71.2	76.6	77.3	81.n	83.9	85.3	90.8	91.5	92.3	93.1	94.3	96.5	99.6
GE C	01	55.3	60.7	71.2	76.6	77.3	81.0	83.9	85.3	90.9	91.5	92.3	93.1	94.4		100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PERIOD OF RECORD: 74-83 MONTH: NOV HOURS(LST): 0000-0200 GE 32 GE GE GE GF FEET 90 80 60 48 40 24 20 12 10 NO CETL ! 20.4 24.0 24.0 27.3 22.2 25.9 25.9 GE 180001 20.8 23.6 24.9 25.9 25.9 27.6 28.2 24.7 26.4 26.7 29.8 23.8 26.4 24.7 18.8 25.2 26.7 29.8 160001 18.8 23.6 23.8 25.9 26.4 25.2 140001 19.1 21.1 22.6 23.9 24.1 25.0 26 . 2 26.2 26.8 27.0 27.9 28.6 30.1 GE 120001 19.3 24.3 25.2 25.8 26.4 27.0 28.2 28.9 30.4 GE 100001 GE 90001 22.0 23.6 25.0 25.3 26.3 27.3 27.8 27.3 27.9 28.1 29.1 20.0 26.1 26.7 30.2 25.6 26.4 31.8 27.1 10000 23.8 27.7 28.7 29.0 30.0 30.0 30.6 30.8 32.0 21.8 35.1 70001 22.3 24.6 26.4 28.4 29.4 29.8 30.1 30.8 30.8 31.3 31.6 32.8 33.6 60001 23.2 30.3 30.7 31.0 31.7 32.2 33.7 36 . U 5000 i 24.7 26.9 29.1 33.9 30.8 31.3 32·3 37·1 33.0 37.8 33.3 38.1 34.0 34.0 34.6 34.8 36.0 36.8 38.3 35.6 41.7 40.9 43.2 45.3 40001 34.1 39.3 41.3 42.9 44.8 45.6 46.8 47.0 GE 35001 37.6 40.1 42.9 45.1 45.7 47.8 48.1 49.0 42.0 49.8 51.0 51.8 53.3 30001 42.1 55.4 GE GE 59.2 64.4 25001 55.3 59.2 64.4 59.8 65.0 45.1 48.0 51.8 54 . B 57.0 57.9 58.3 60.0 61.2 62.D 63.6 2030 48.9 52.1 56.6 59.6 62.1 63.0 65.2 66.4 67.2 63.6 57.6 GE 10001 49.8 53.1 60.7 61.3 63.3 64.2 64.8 65.7 65.7 66.4 67.7 68.6 70.1 68.7 69.9 71.4 71.4 72.1 GΕ 15001 52.7 56.6 62.2 65.6 66.2 70.4 72.3 73.6 74.4 76.0 10001 72.3 73.6 75.0 76.2 77.9 GE 54.7 67.9 77.9 60.1 71.4 76.3 76.9 78.6 78.8 80.0 40.9 82.4 9001 55.8 69.1 72.7 79.2 79.2 79.9 77.4 74.4 78.8 79.9 19.4 80.8 81.4 GE 1008 55.8 61.6 69.6 73.4 80.8 81.7 82.9 84.0 85.6 7001 GE 70.0 82.0 24.1 74.11 78.3 82.9 85.2 56.0 61.8 8.63 6001 5001 56.0 61.8 70.0 79.1 85.0 85.3 86.0 86.3 87.9 69.0 90.6 GE 74.J 75.4 81.7 89.6 91.6 93.7 GΕ 4001 56.0 61.8 70.0 74.1 75.6 80.0 83.6 85.0 87.3 87.8 88.9 90.4 93.1 92.2 GE 3001 70.1 74.2 75.7 88.7 89.3 90.6 56.1 61.9 80.2 84.0 85.7 95.2 2001 70.1 74.2 80.2 84.3 86.0 90.4 91.9 56.1 61.9 1001 80.2 70.1 80.2 100.0 56.1

TOTAL NUMBER OF OBSERVATIONS: 940

4.4

September 18

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

121

AIR WEATHER SERVICE/HAC

PERIOD OF RECORD: 74-83 STATION NUMBER: 106140 STATION NAME: RAMSTEIN AR GERMANY MONTH: NOV HOURS (LST): 0300-0500 VISIBILITY IN HUNDREDS OF METERS CEILING 1 51 GE GE GE FEET 40 10 90 BO 60 48 32 24 20 16 12 5 (1 NO CEIL I 16.0 16.7 18.4 18.7 20.0 20.6 21.0 22.2 22.4 22.8 23.0 24 . 4 24.5 24.5 24.5 GE 200001 17.9 19.9 21.8 22.2 23.9 24.0 24.0 25.1 25.1 25.9 25.9 16.9 20.2 27.1 16.9 19.2 20.2 24.7 27.1 GE 160001 GE 140001 20.2 24.7 24.7 16.9 17.9 19.2 19.9 21.2 21.8 22.2 23.9 24.0 25.1 25.9 27.1 24.0 21.6 25.1 16.9 17.9 19.2 21.2 22.2 23.9 24.5 25.9 27 . 1 GE 120001 25.0 25.1 28.3 19.8 19.9 22.6 21.8 21.9 25.0 22.8 22.9 26.0 GE 100001 18.5 20.5 20.8 22.4 22.5 25.6 24.5 24.6 17.5 25.7 26.5 GE 9000 17.6 20.0 18.6 20.6 20.9 24.6 24.7 25.4 28.5 25.8 29.1 26.6 27.8 31.1 7000 28.5 GE 60001 20.8 21.9 26.1 26.7 29.0 29.1 29.6 29.8 32.5 25.9 29.8 28.3 32.4 37.6 u E G E 25.1 29.0 28.9 33.0 31.7 35.8 34.4 Spani 21.7 23.0 26.3 27.7 30.9 31.0 31.5 32.4 33.1 45001 26.9 31.4 30.4 35.5 35.2 36.5 37.3 31.8 35.0 25.6 35.6 29.9 40001 37.0 40.4 40.5 40.9 41.9 42.7 43.9 GΕ 35001 34.6 37.5 38 . 6 39.2 41.0 41.6 42.3 44.4 44.5 44.9 45.2 45.9 46.7 47.9 30001 50.4 50.5 44.0 50.9 46.8 25001 50.7 57.7 G E G E 39.2 40.6 46.4 52.8 46.9 49.3 49.9 52.8 52.9 60.0 53.4 53.6 55.2 56.4 20001 44.0 46.5 50.9 53.5 56.3 57.U 59.8 60.4 60.6 61.4 62.2 63.4 18001 45.2 47.6 51.6 54.2 59.1 54.8 58.0 63.7 58.6 59.4 61.5 61.6 68.2 62.3 63.1 63.8 70.1 65.1 GE 52.2 15001 GΕ 12001 49.8 53.4 62.2 63.2 67.0 67.7 68.6 70.9 71.0 71.4 71.6 72.4 73.3 65.7 GE 55.7 57.0 70.6 72.0 71.7 73.1 72.9 74.2 75.4 75.9 77.2 76 • 1 77 • 4 76.9 78.2 77.8 79.1 79.L 80.3 1030 | 9001 52.3 68.1 76.6 64.4 78.2 8001 65.1 67.7 68.7 73.0 74.1 75.2 78.1 78.9 79.6 80.9 GE 52.3 82.1 68.3 GE GE 7001 52.4 69.3 74.0 75.3 76.4 79.6 80.3 80.5 81.3 52.5 6001 GE 5001 79.5 87.7 52.5 57.5 65.6 68.6 69.9 75.1 78.1 84.D 84.5 85.0 85.2 86.3 88.9 76.1 76.2 76.2 85.8 87.1 89.0 GE 4001 57.5 69.0 70.2 81.2 86.9 89.5 90.8 52.5 65.6 70.3 70.3 57.6 57.6 65.7 69.1 91.4 3401 52.6 80.1 81.9 88.1 88.7 92.1 93.4 2001 52.6 82.3 87.8 88.8 90.3 92.1 96.8 GE 65.7 80.3 1001 80.3 6 E 76.3 80.3 82.3 88.0 89.0 93.5 72.5 52.6

TOTAL NUMBER OF OBSERVATIONS: 89

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1

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DASERVATIONS

ST	N POIT	UMBER:	106140	STATE	ON NAME:	RAMS	TEIN AB	GERMANY	•				CF REC		-83 (LST):	U6D 0-08	u u
	LING	• • • • • •	•••••	•••••	• • • • • • • •	•••••		VISIBILI					•••••	• • • • • • •	• • • • • •	• • • • • • •	•••••
	N I	GT	GE	GE	6E	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	6.5
	ET I	160	9 ()	80	64	48	40	32	24	20	16	12	10	8	5	4	J
• • •	•••••	• • • • • •	• • • • • • • •		• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		•••••	• • • • • • •	•••••	*****	• • • • • • •	• • • • • • •	• • • • • • •	•••••
NO	CEIL		12.9	13.8	14.6	14.8	14.8	15.4	15.8	16.2	16.9	17.1	17.4	17.4	17.4	18.2	16.9
	20000		13.9	15.1	16.0	16.3	16.3	17.0	17.4	17.9	18.7	18.9	19.2	19.2	19.2	€0.0	21.5
	180001		13.9	15.1	16.0	16.3	16.3	17.0	17.4	17.9	18.7	19.9	19.2	19.2	19.2	20.0	21.3
	190001		13.9	15.1	16.0	16.3	16.3	17.0	17.4	17.9	18.7	18.9	19.2	19.2	19.2	27.0	21.3
	140001		14.1	15.3	16.2	16.6	16.6	17.2 17.2	17.7	18.1	18.9	19.1	19.4	19.4	19.4	20.2 20.2	21.6 21.6
UL	120001		14.1	13.3	10.2	10.0	10.0	11.2	17.7	10.1	10.7	19.1	17.4	17.4	17.4	20.2	21.0
ĿΕ	100001		14.9	16.1	17.0	17.3	17.3	18.0	18.4	18.9	19.7	19.9	20.2	20.2	20.2	21.0	22.3
GE	9000		15.6	16.8	17.7	18.0	18.0	18.7	19.1	19.6	20.3	20.6	20.9	20.9	20.7	21.7	23.0
GE	8000		16.7	17.9	18.8	19.1	19.1	20.0	20.4	21.0	21.9	27.1	22.4	22.4	22.4	23.2	24.6
GE	7000		16.9	18.1	19.1	19.4	19.4	20.3	20.8	21.3	22.2	22.4	22.8	22.9	22.9	23.7	25.0
GΕ	60001		17.1	18.4	19.4	19.8	19.8	20.7	21.1	21.7	22.6	22.0	23.1	23.2	23.2	24.0	25.3
ĿΕ	5,0001		18.6	20.3	21.8	22.3	22.4	23.4	23.9	24.4	25.7	25.9	26.3	26.4	20.4	27.2	26.6
G E	4580		21.7	23.4	24.9	25.4	26.1	27.2	27.7	28.2	29.4	29.7	30.1	30.3	37.3	31.1	32.4
GE	40001		26.0	27.9	29.3	30.2	31.0	32.3	32.9	33.4	34.7	35.1	35.6	35.9	35.9	36.7	38.0
₽.	3500		29.3	31.3	32.9	34.0	34.8	36.2	36.8	37.3	36.6	39.0	39.4	39.8	39.8	40.6	41.9
GE	30001		33.9	36.6	38.8	39.9	40.8	42.6	43.3	43.9	45.1	45.6	46.1	46.4	46.4	47.2	48.6
GΕ	25001		35.9	38.6	41.D	42.3	43.3	45.1	46.2	47.1	48.3	48.8	49.3	49.7	49.7	50.4	51.8
Ģ€.	20001		39.6	42.6	45.1	46.8	47.6	49.7	50.9	51.8	53.0	53.4	54.0	54.4	54.4	55.2	56.6
GE	18001		40.3	43.4	46.1	47.9	48.9	50.8	52.1	53.0	54.2	54.7	55.3	55.8	55.8	56.6	57.9
GE	1500		44.4	48.1	52.1	54.1	55.4	58.1	59.4	60.3	61.9	62.3	63.1	63.6	63.7	64.4	65.8
GE	12001		47.1	50.8	56.3	58.7	60.0	63.0	64.7	65.6	67.1	67.6	68.3	68.8	68.9	69.7	71.0
GE	10001		48.4	52.9	59.3	61.8	63.2	66.6	68.4	69.3	70.9	71.3	72.1	72.7	72.8	73.6	74.9
GE	9001		49.4	54.0	61.1	63.8	65.2	68.7	70.6	71.4	73.1	73.6	74.3	74.7	75.0	75.8	77.1
GE	800		49.8	54.3	62.4	65.1	66.6	70.2	72.2	73.1	75.3	75.9	76.8	77.4	77.6	78.4	79.8
GE	730		50.1	54.9	63.6	66.2	67.8	72.2	74.2	75.1	77.6	78.1	79.0	79.8	0.0	60.9	82.2
ĿΕ	6001		50.4	\$5.2	64.1	66.8	68.3	73.1	75.2	76.6	79.3	79.9	80.8	81.7	81.9	82.8	84.1
ĿΕ	5001		50.4	55.2	64.1	66.9	68.4	73.9	76.8	78.1	81.4	82.2	83.2	84.1	84.8	65.7	87.0
GE	4001		50.4	55.2	64.1	67.0	68.6	74.2	17.9	79.4	83.7	84.7	85.7	86.6	87.2	88.1	89.7
GE	300		50.4	55.2	64.1	67.0	64.6	74.2	70.3	60.0	85.1	86.2	87.2	88.1	89.1	97.3	92.8
GF	2001		50.4	55.2	64.1	67.0	68.6	74.2	78.4	80.1	A5.9	87.4	89.0	90.1	91.3	93.9	97.1
GE	1001		50.4	55.2	64.1	67.0	66.6	74.2	78.4	80.2	86.3	87.9	89.4	90.6	91.9	95.2	99.7
GE	01		50.4	55.2	64.1	67.0	68.6	74.2	78.4	80.2	86.3	87.9	89.4	90.8	92.2	95.6	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PERIOD OF RECORD: 74-63 MONTH: NOV HOURS(LST): 0900-1100 VISIBILITY IN HUNDREDS CEILING GE 24 GE 32 6E GE BE GE FEET I ₽ G 160 90 8.0 64 48 20 16 12 10 8 - 5 L) NO CETL I 9.7 10.4 11.3 11.6 11.9 12.6 13.1 13.2 14.1 14.3 14.9 15.3 15.7 14.2 GE 200001 12.4 13.3 14.2 14.6 14.9 15.0 15.7 16.6 16.8 17.9 18.0 18.1 18.7 19.2 20.0 20.1 18.0 18.1 18.0 18.8 13.3 18.1 12.4 14.3 14.8 16.8 17.1 19.4 GE 16000 13.3 15.1 15.9 17.0 18.1 18.2 18.3 18.9 20.2 GE 14000 13.7 15.4 16.2 17.3 18.4 18.6 18.7 19.2 2: . . . GE 120001 13.3 19.0 20.3 GE 100001 15.9 19.8 20.4 17.4 19.7 19.7 19.9 20.4 21.3 13.9 14.9 15.6 16.3 16.7 18.3 18.6 21.0 25.i 25.8 9000 17.0 19.0 20.3 20.3 20.6 19.7 16.6 17.7 18.8 19.3 20.4 21.6 21.8 23.0 23.6 23.0 23.1 23.2 23.8 24.3 ŝΕ acani 7000 19.3 20.1 6000 21.9 25.1 28.6 50001 23.6 26.6 27.0 27.9 29.7 31.2 31.3 31.4 31.6 32.1 32.8 33.6 GE 4500 21.7 23.3 30.0 40001 GF 24.8 26.7 34.2 3500 39.0 40.4 40.6 40.7 GF 30001 31 . 4 34.1 37.1 39.0 41.6 44.0 46.3 46.4 46.7 49.6 39.0 42.6 44.0 48.8 53.1 54.9 25001 43.7 48.7 48.9 49.0 53.3 49.8 57.4 GE 20001 45.6 50.3 51.0 53.0 53.2 54.1 54.8 55.7 35.4 38.4 44.7 1800 40.0 49.3 52.0 56.6 54.8 55.0 65.1 65.4 6E 15001 41.1 52.1 54.8 56.1 58.9 62.0 65.0 65.3 66.2 67.8 12001 43.0 48.9 64.0 70.3 70.7 73.1 56.7 61.1 68.0 74.9 76.0 78.2 GE GE 68.3 71.7 72.6 72.6 73.4 75.6 76.7 77.4 78.6 10001 44.3 50.7 60.2 63.7 65.2 75.3 75.8 76.7 78.3 76.9 79.2 9001 45.0 51.3 61.0 66.0 76.4 78.7 77.8 64.4 75.4 G€ 8001 45.3 52.1 62.1 65.9 67.4 71.0 74.3 79.0 90.2 81.1 82.0 A2.4 7001 63.3 76.1 80.8 81.4 84.9 GE 45.9 52.7 67.3 68.9 72.8 An. T 81.1 84.3 74.0 74.1 74.1 GE 5001 67.7 77.4 78.0 79.3 85.6 87.7 45.9 52.7 63.7 69.2 82.7 83.4 83.8 84.3 36.6 69.2 88.9 4001 52.7 63.7 80.2 84.0 85.7 85.4 86.2 87.4 89.9 63.7 78.2 86.1 92.9 نE 3501 45.9 52.7 67.7 80.7 85.D 99.0 GE 2001 74.1 78.2 85.7 88.3 89.2 91.2 94.2 52.7 81.1 1001 99.7

TOTAL NUMBER OF OBSERVATIONS: 900

45.9

52.7

63.7

67.7

69.2

74.1

78.2

81.1

85.7

87.2

88.4

89.4

91.6

95.2

1

100.0

GE

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION	NUH	RER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMANY				PER100 MONTH		ORD: 74 HOURS	-83 (LST):	1200-14	00	
	LING		• • • • •	• • • • • • •	•••••	•••••	• • • • • •		VISIBILI					• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • •
	IN.		3 T	GE	GE	GE	GE	GE	GE	GÉ	GE.	GE	SE	GE	GE	GE	GE	GE	
	ΕT		160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	J	
•••	• • • • •		• • • •	• • • • • • •		• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • •
NO	CEIL	. 1		12.4	13.1	15.3	16.7	16.8	17.1	17.1	17.3	17.6	17.7	17.7	17.7	17.8	17.9	17.9	
G E	2000	101		15.3	16.3	18.7	20.2	20.3	20.7	20.7	21.0	21.2	21.4	21.4	21.4	21.6	21.7	21.7	
	1800			15.6	16.6	19.0	20.6	20.7	21.0	21.0	21.3	21.6	21.8	21.8	21.8	21.9	22.0	22.0	
	1600			15.7	16.7	19.1	20.8	20.9	21.2	21.2	21.6	21.8	22.0	22.0	22.0	22.1	22.2	22.2	
	1400			15.8	16.6	19.2	20.9	21.0	21.3	21.3	21.7	21.9	22.1	22.1	22.1	22.2	22.3	22.3	
GE	1200	01		16.2	17.2	19.7	21.3	21.4	21.5	21.8	22.1	22.3	22.6	22.6	22.6	22.1	22.8	22.8	
GE	1000	101		17.4	18.4	21.0	22.7	22.8	23.2	23.2	23.5	23.8	24.0	24.0	24.0	24.1	24.2	24.2	
GE	900			17.8	18.8	21.3	23.0	23.1	23.6	23.6	23.9	24.1	24.3	24.3	24.3	24.4	24.6	24.6	
G€	800	101		20.1	21.3	24 . U	25.7	25.8	26.2	26.2	26.6	26.8	27.0	27.0	27.0	27.1	27.2	27.4	
GE	700			20.9	22.3	25.2	27.2	27.3	27.8	27.8	28.1	28.3	28.6	28.6	28.6	28.7	28.8	28.8	
GĒ	600	0		21.6	23.0	26.0	28.0	28.1	28.6	28.6	28.9	29.1	29.3	29.3	29.3	29.4	29.6	29.6	
GE	500	01		23.1	24.8	27.9	30.0	30.2	30.9	31.1	31.4	31.7	31.9	31.9	31.9	32.0	32.1	32.1	
GE	450	0		25.1	27.0	30.4	33.0	33.2	33.9	34.3	34.7	34.9	35.1	35.1	35.1	35.3	35.7	35.7	
GE	400			28.6	30.4	34.0	36.8	37.1	37.9	38 . 3	38.7	39.0	37.2	39.2	39.2	39.4	39.8	39.8	
ĠΕ	350			33.2	35.2	39.0	42.1	42.6	43.3	43.8	44.1	44.4	44.7	44.8	44.8	45.0	45.3	45.3	
ĢΕ	300	101		39.9	42.2	47.3	50.8	51.6	52.4	53.3	53.9	54.3	54.6	54.7	54.7	54.9	55.2	55.2	
GE	250	01		42.0	44.3	49.8	53.7	54.6	55.4	56.3	57.2	57.7	57.9	58.0	58.0	58.2	58.6	58.6	
GE	203	01		45.9	48.4	54.2	58.3	59.2	60.3	61.4	62.4	62.9	63.1	63.2	63.2	63.4	63.8	63.8	
GE	180			47.1	49.8	55.8	59.9	60.8	61.9	63.0	64.0	64.4	64.7	64.8	64.8	65.0	65.3	65.3	
GE	150			51.7	55.6	63.0	67.8	68.7	70.0	71.6	72.7	73.6	73.8	73.9	73.9	74.1	74.4	74.4	
G€	125	D.		53.1	57.4	66.6	71.4	72.3	73.9	75.4	76.6	77.7	77.9	78.0	78.0	78.2	78.6	78.6	
GE	100	01		54.4	59.2	69.6	75.4	76.6	78.4	80.2	81.4	82.6	82.8	82.9	82.9	63.1	83.4	83.4	
GE	90	•		54.7	59.4	69.4	76.3	77.4	79.4	81.2	82.4	83.8	84.0	84.1	84 . 1	84.3	64.7	84.7	
GE	80	- 1		55.3	60.1	70.9	77.7	76.8	80.6	82.7	84.2	85.9	85.2	86.3	86.3	86.6	86.9	86.9	
GE	70			55.6	60.3	71.1	78.1	79.4	82.7	84.9	86.8	88.7	89.0	89.1	89.2	89.4	89.8	89.8	
GF	6 J	וטו		55.6	60.4	71.7	78.9	80.2	83.9	86.1	88.0	90.1	90.4	90.7	90.8	91.3	91.3	91.3	
6 E	50	01		55.6	60.4	72.0	79.7	81.1	84.9	88.4	90.3	92.7	93.0	93.2	93.6	93.8	94.2	94.2	
GE	40			55.6	60.4	72.1	80.0	81.4	85.2	89.0	91.2	94.0	94.4	94.7	95.D	95.2	95.7	95.7	
GΕ	30			55.6	60.4	72.1	80.0	81.4	85.3	89.2	91.7	95.3	95.8	96.3	97.0	97.2	97.8	98.3	
GE	23			55.6	60.4	72.1	80.0	81.4	85.3	89.2	91.7	95.4	95.9	96.9	97.7	97.9	98.4	99.6	
GE	10	u I		55.6	64.4	72.1	80.0	81.4	85.3	89.2	91.7	95.4	95.9	97.0	97.9	98.2	98.8	100.0	
GE		n j		55.6	60.4	72.1	80.0	81.4	85.3	89.2	91.7	95.4	95.9	97.0	97.9	98.2	98.8	100.0	

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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AIR WEATHER SERVICE/MAC

STATION NUMBER: 106140 STATION NAME: PANSTEIN AB GERMANY PERIOD OF RECORD: 74-61 MONTH: NOV HOURS (LST): 1530-1700 VISIBILITY IN HUNDREDS OF METERS CEILING GF IN GE GŁ 48 υE GE 32 GE 20 GE GE GE 90 40 80 60 16 10 160 12 5 L) NO CEIL I 20.1 23.7 26.3 6F 200001 76.4 27.0 27.1 27.4 27.4 27.9 28.0 28.0 29.0 23.7 27.1 27.3 27.9 28.D GE 18030 23.0 24.2 27.7 27.9 28.0 28.0 28.4 24.6 28.6 29.6 24.3 28.8 28.1 28.1 28.6 28.7 GE 160001 23.1 27.1 27.8 27.8 28.7 28.7 28.7 26.7 GE 140001 23.9 27.9 23.6 26.6 29.4 29.4 29.4 29.4 GE 100001 25.3 30.0 30.0 30.3 31.0 31.0 29.3 30.2 30.3 30.9 30.9 31.0 31 . (26.6 31.0 25.9 29.9 30.6 30.8 32.6 31.4 31.6 90001 27.1 30.6 30.9 30.9 31.4 31.6 31.6 80001 32.3 32.7 33.3 33.3 33.3 33.3 GE 28.8 32.7 7000 33.6 34.0 34.1 34.8 34.8 34.8 GE 60001 29.6 36.1 36.2 GΕ 5000 32.6 37.0 37.1 37.1 37.8 35.6 38.8 40.3 40.4 43.4 41.0 GF 45301 34.0 39.8 39.8 41.0 41.1 41.1 41.1 41.1 41.1 40001 44.7 44.7 GE 38.8 46.0 46.0 46.1 46.1 46.1 46.1 46.1 49.1 3500 49.8 50.4 50.4 50.6 50.6 50.6 GF 30001 52.9 55.2 60.0 61.2 61.2 61.9 62.0 62.2 62. 9 62.9 63.0 63.0 63.0 63.0 63.4 GE 2500 55.6 57.9 62.9 64.1 70.0 64.1 70.0 64.9 70.8 65.0 65.2 65.9 65.9 66.0 66.0 72.1 66.0 72.1 66.0 72.1 66.U 72.1 20001 72.0 72.0 72.1 GĒ 60.4 63.1 68.8 71.3 74.0 18001 62.3 65.6 71.3 72.6 72.6 73.4 73.6 74.7 SE 15001 66.2 70.1 78.0 7E.1 79.1 79.2 80.4 80.4 80.7 80.7 80.7 80.7 84.7 67.0 79.0 12001 6E 71.3 80.9 81.1 83.8 83.8 84.0 84.0 84.0 84.0 83.0 84.D 67.9 67.7 GE 10001 72.9 81.8 82.4 84.2 84.4 86.1 87.7 86.2 87.9 86.7 87.4 87.4 87.7 87.7 87.7 87.7 85.6 45.9 89.2 89.4 9001 88.3 89.2 89.4 89.4 73.7 86.4 86.8 91.6 91.6 GE anni 68.6 83.4 88.6 89.0 89.6 91.3 91.3 91.6 91.6 91.6 94.4 91.2 94.2 94.0 GE 7001 68.6 83.7 90.6 92.2 94.6 6001 GE 5001 73.7 88.0 88.7 91.7 92.6 97.1 97.1 47.2 68.6 84.2 94.0 96.4 95.4 400 l 300 l 73.7 88.8 92.7 97.4 97.4 98.1 98.1 98.2 98.2 98.2 GE 68.0 84.3 88.1 91.8 94.6 84.3 88.1 91.9 94.7 GΕ 66.6 91.8 68.6 98.1 98.1 GE 1001 68.6 73.7 88.1 88.8 98.2 99.2 99.2 99.3 100.0

99.3

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TOTAL NUMBER OF UBSERVATIONS: 900

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VEHSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 1	06140 STATE	ON WAHE: RAMS	TEIN AB	GERMANY				PERIOD MONTH:	OF RECO		8 7 LST1: :	1830-20	Jo
CEILING	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		ISTRILIT					• • • • • • •	•••••	• • • • • •	• • • • • •	••••••
IN GT	GE GE	66 56	GE	GE	GE	üŁ	GE	SE	GL	SE	GE	GE	LE
FEET 1 160	90 80	60 49	40	32	24	25	16	1.2	10	8	5	4	L
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	••••••	• • • • • •	•••••	• • • • • •	• • • • • • •	••••••	•••••	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
NO CEIL I	22.2 24.3	26.1 26.7	26.9	27.6	27.7	27.8	27.9	27.9	28.0	28.2	26.2	28.3	28.6
GE 20000]	25.1 27.4	29.6 30.3	30.6	31.2	31.3	31.4	31.7	31.0	31.9	32.1	32.1	32.2	32.4
GE 14030	25.4 27.8	29.9 30.7	36.9	31.6	31.7	31.8	32.0	32.1	32.2	32.4	32.4	32.6	34.8
	25.7 29.0	30.1 30.9	31.1		31.9	32.0	32.2	32.3	32.4	32.7	32.7	32.8	33.0
	26.0 28.3	30.4 31.2	31.4		32.2	32.3	32.€	32.7	32.8	33.0	33.0	33.1	33.3
GE 120001	26.7 29.0	31.1 31.9	32.1	32.A	32.9	33.0	33.2	33.3	33.4	33.7	33.7	33.8	34.0
GE 100001	26.D 3D.3	32.4 33.3	33.6	34.2	34.3	34.4	34 . 7	34.8	34.9	35.1	35.1	35.2	35.4
GE 90001	28.8 31.1	33.3 34.2	34.4	35.1	35.2	35.3	35.6	35.7	35.8	36.0	36.0	36.1	36 . 3
	30.0 32.4	35.0 35.9	36.1		36.9	37.0	37.2	37.3	37.4	37.7	37.7	37.8	30 €
GE 70001	30.7 33.1	35.9 36.9	37.1	37.8	37.9	30.0	38.2	34.3	38.4	38.7	36.7	38.8	39.0
GE 60001	31.0 33.4	36.3 37.3	37.6	38.2	38.3	38.4	38.7	39.9	38.9	39.1	39.1	39.2	39.4
6E 50001	32.0 34.8	38.1 39.1	39.3	40.0	40.1	40.2	40.4	40.6	40.7	40.9	40.9	41.0	41.2
	36.6 39.6	42.9 43.9	44.1		45.1	45.2	45.4	45.6	45.7	45.9	45.9	46.0	46.2
GE 40001	40.0 43.2	46.6 47.9	48.1	49.0	49.2	49.3	49.6	49.7	49.8	50.0	50.0	50.1	56.3
GE 3500)	43.9 47.4	51.4 53.1	53.3	54.2	54.4	54.6	54 . 8	54.9	55.0	55.2	55.2	55.3	55.6
GE 3000	51.3 55.0	60.8 62.6	62.8	63.8	64.0	64.2	64.7	64.8	64.9	65.1	65.1	65.2	65.4
GE 250MI !	55.3 59.1	65.3 67.1	67.3	68.3	68.6	68.9	69.4	69.6	69.7	69.9	69.9	77.0	70.2
	58.8 63.1	69.8 72.0	72.2		73.4	73.8	74.3	74.4	74.6	74 . 8	74.8	74.9	75 - 1
GE 1800	60.0 64.3	71.0 73.2	73.4	74.4	74 . 7	75.0	75.6	75.7	75.8	76.0	76.0	76.1	76.3
6E 1F001	62.7 67.3	75.0 77.8	78.D	79.0	79.3	79.7	80.8	80.9	81.0	81.2	A1.2	81.3	81.6
GE 12001	63.D 67.7	76.1 79.3	79.6	80.7	81.0	81.3	82.4	82.6	82.7	82.9	42.9	63.0	83.2
GE 10001	63.6 68.7	78.7 82.6	82.8	84.2	84.6	84.9	86.0	86.1	86.2	86.4	86.4	86.6	86.8
6E 900 (63.7 68.8	79.3 83.4	83.9	85.3	85.8	86.2	87.3	87.4	87.6	87.8	A7.8	87.9	88.1
UE AON!	64.3 69.9	80.7 85.2	85.9	87.6	88.1	88.8	90.0	90.1	90.2	90.4	90.4	97.6	90.8
GE 7001	64.3 69.9	80.8 85.6	86.3	88.7	69.8	93.9	92.4	97.6	92.7	92.9	92.9	93.0	93.2
GE 6001	64.3 69.9	80.9 85.7	86.4	88.8	90.0	91.9	94.7	94.9	95.1	95.3	95.3	95.4	95.7
GE 5601 (64.3 69.9	80.9 85.7	86.4	89.1	90.4	92.4	95.3	95.4	95.8	96.0	96.0	96.1	96.3
GE 4001	64.3 69.9	80.9 85.7	86.4	89.1	90.4	92.4	95.7	96.0	96.4	96.7	96.7	97.0	97.2
GE 30N1 (64.4 70.G	81.0 85.8	86.6	89.2	90.6	92.9	96.9	97.2	98.0	98.2	98.2	98.6	99.1
GE 2001	64.4 70.0	81.0 85.8	86.6	89.2	90.6	92.9	97.1	97.4	98.4	98.7	98.7	99.0	99.8
GE 1001	64.4 70.0	81.0 85.8	86.6	89.2	90.6	92.9	97.1	97.4	98.4	98.7	98.7	99.0	99.9
GE OI	64.4 70.0	81.0 85.8	86.6	89.2	90.6	92.9	97.1	97.4	98.4	98.7	98.7	99.1	100.0

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR DEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF UCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	V011	NUMBER	106143	STATI	ON NAME:	RAMS	TEIN AB	GERMANY					UF REC	ORD: 74 HOURS	-8 T (LST):	2100-23	5 60	
	LING	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	•••••		VISIBILI					• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • • • •	• •
	l N	1 61	GE	GŁ	GE	GE	GE	SE	GE	GE	GL	GE	GÉ	GE	űŁ	GE	6E	
FE	E T	1 160	90	Зu	60	4.8	40	3.2	24	20	16	12	10	9	5	4		
• • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • • •	• • • • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	••••••	• •
NO	CETL	11	20.9	22.6	24.1	25.0	25 .3	25.7	26.2	26.2	26.8	26.8	26.9	27.2	27.8	28.3	26.9	
úΕ	23030	01	22.6	24.3	26.1	21.0	27.3	27.7	28.2	28.3	28.9	24.9	29.0	29.3	29.9	30.4	31.0	
GF	18000	01	22.8	24.6	26.3	27.2	27.6	27.9	28.4	28.6	79.1	29.1	29.2	29.6	10.2	30.8	31.3	
G E	16070	n I	22.8	24.6	26.3	21.2	27.6	27.9	28 . 4	28.6	29.1	29.1	29.2	29.6	10.2	30.8	31.3	
	1400		23.1	24.9	26.7	27.6	27.9	20.2	28.8	28.9	29.4	20.4	29.6	29.9	30.6	31.1	31.7	
(E	15000	0 ‡	23.2	25.6	26.6	27.7	28.0	28.3	28.9	29.0	29.€	29.6	29.7	30.0	10.7	31.2	31.8	
GE	10000	01	25.0	26.6	28.7	29.6	29.9	30.3	30.9	31.0	31.7	31.7	31.8	32.1	32.8	33.3	33.9	
6 E	9000	0	25.4	27.2	29.1	30.0	30.3	30.#	31.3	31.4	32.1	37.1	32.2	32.6	33.2	33.8	34.3	
LΕ	8000	0	26.6	28.4	30.9	31.9	32.2	32.7	33.2	33.3	34.0	34.0	34.1	34 . 4	35.1	35.7	36.2	
GE		0	27.2	29.1	31.6	32.7	33.0	33.4	34.0	34.1	34.8	34.9	34.9	35.2	35.9	36.4	37.0	
GΕ	600	c)	27.2	29.1	31.6	32.7	33.0	33.4	34.0	34.1	34.8	34.8	34.9	35.2	35.9	56 . 4	37.0	
6E	5000	01	28.8	30.8	33.9	35.0	35.3	35.8	36.6	36.7	37.3	37.3	37.4	37.8	38.4	39.0	39.6	
üΕ	4530	o i	33.3	35.6	39.0	40.2	40.6	41-0	41.8	41.9	42.7	42.7	42.8	43.1	43.8	44.3	44.9	
GF	4000		37.7	40.1	43.7	45.1	45.4	45.9	47.1	47.2	48.1	48.1	48.2	48.6	49.2	49.8	56.3	
υE	3500		40.6	43.0	46.8	48.2	48.6	49.3	50.6	50.7	51.6	51.6	51.7	52.0	52.7	53.2	53.8	
GE	3001	ηł	45.U	47.6	52.7	54.6	54.9	55.9	57.2	57.3	58.4	59.4	58.6	58.9	59.6	60.1	66.7	
6 E	2500	0	49.1	52.1	57.8	59.7	60.0	61.0	62.3	62.4	63.6	63.6	63.7	64.0	64.7	65.2	65.8	
GE	2000	DÍ	53.4	57.3	63.6	65.8	66.1	67.1	68.4	68.6	69.7	69.7	69.8	70.2	70.9	71.4	72.0	
6 E	1000	0	54.8	58.7	64.9	67.1	67.4	68.4	69.8	69.9	71.5	71.0	71.1	71.6	72.2	12.8	73.3	
υE	1500		57.1	61.3	66.9	71.4	71.8	73.0	74.3	74.4	76.2	76.2	76.3	76.8	77.4	78.0	76.6	
GΕ	1730	0 (58.0	62.4	70.8	73.6	73.9	75.1	76.4	76.6	78.3	78.3	78.4	78.9	79.6	87.1	80.7	
úΕ	1000	01	58.4	63.2	73.2	76.1	76.4	78.0	79.3	79.4	81.2	81.2	81.3	81.8	82.4	83.0	83.6	
υĒ	930	0	58.9	63.7	74.0	76.9	17.2	78.9	80.2	80.6	82.6	82.6	82.7	83.1	R3.8	84.3	64.9	
GE	830		59.7	64.8	76 · U	79.2	79.7	81.6	83.0	83.6	A5.4	85.4	85.6	86.0	96.7	67.2	87.8	
υE	700		59.8	64.9	76.3	17.6	80.0	82.7	84.9	65.6	87.7	87.8	67.9	88.3	89.0	89.6	90.1	
GE	600	0	59.8	64.9	76.4	79.8	80.2	82.9	85.8	47.2	90.2	911.4	90.6	91.0	91.7	92.2	92.8	
GE	500	o t	59.8	64.9	76.4	79.8	86.2	82.9	86.1	87.7	90.9	91.0	91.2	91.7	92.6	93.1	93.7	
GE	461	ן יו	59.8	64.9	76.4	79.8	80.2	83.2	86.8	88.4	91.9	92.3	93.2	93.7	94.6	95.1	95.7	
٥E	300		59.8	64.9	76.4	79.8	80.2	63.4	87.0	89.0	93.2	93.7	94.7	95.1	96.0	96.7	97.4	
GE	200		59.8	64.9	76.4	79.8	80.2	83.4	87.1	89.1	93.6	94.1	95.3	95.8	97.3	98.1	99.2	
GE	100	0	59.8	64.9	76.4	79.8	86.2	83.4	87.1	89.1	93.6	94.1	95.3	95.8	97.4	98.2	99.8	
GE	r	n I	59.8	64.9	76.4	79.8	80.2	83.4	87.1	89.1	93.6	94.1	95.3	95.8	97.0	98.2	100.0	

GLOBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF CCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

1.

STATICH NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PE7100 OF HEC IRD: 74-83 HONTH: NOV HOURS (LST): CEILING VISIBILITY IN HUNDREDS OF METERS GF GŁ IN FEET GE GE 24 90 80 60 40 20 16 12 10 0 NO CEIL I 19.0 19.7 19.9 20.5 20.8 21.0 21.9 22.0 22.3 21.6 21.7 21.6 GE 200001 18.4 24.0 25.0 25.1 25.2 25.5 25.5 1000s1 3c 18.6 22.6 22.8 23.4 24.8 24.8 25.9 20.0 23.7 26.6 GE 163001 20.1 23.8 26.0 26.7 20.4 6E 120001 19.3 20.1 23.3 24.5 24.7 26.7 24.8 24.8 26.8 24.5 25.0 25.2 25.7 27.8 27.0 27.5 GE 10000 23.5 24.6 25.9 25.5 26.6 20.3 25.8 26.8 26.5 28.3 enani 27.8 29.0 28.2 29.3 23.9 27.1 10.1 30.5 80001 24.4 GE 28.5 29.2 29.5 29.7 31.2 7000 23.0 29.1 30.1 30.4 30.6 60001 23.4 25.1 27.2 28.3 28.5 29.3 29.7 30.0 30.7 31.0 31.2 31.6 32.1 24.9 28.4 29.2 33.0 30.6 31.4 32.3 36.4 41.3 34.5 50001 30.4 32.0 33.6 34.0 30.4 34.3 34.7 37.3 37.4 17.7 38.2 45001 36.1 37.8 39.4 32.5 37.4 40.2 41.0 42.4 43.7 40001 34.6 42.3 42.6 42.8 43.2 44.4 15001 36 - 1 38.4 41.4 43.1 43.5 45.4 45.7 46.7 46.8 47.1 47.3 47.7 48.2 30001 41.7 44.5 48.5 50.4 50.9 52.3 53.2 55.1 55.3 55.7 56.2 51.5 53.6 58.7 54.2 59.3 55.6 54.3 61.8 25001 56.5 58.6 58.8 59.2 59.7 20001 48.3 51.5 63.6 65.2 61.9 62.5 64.0 64.2 64.7 65.4 64.1 10001 52.8 57.9 60.2 66.8 63.5 65.2 72.1 65.4 65.6 65.8 66.3 66.8 68.5 GF. 15001 53.1 63.3 66.1 66.8 12001 70.0 72.1 66.2 10001 72.6 73.8 GE 55.4 69.4 73.5 75.9 77.3 78.0 79.4 61.2 83.1 79.5 79.7 80.0 80.3 AQ. 7 81.3 60.4 56.0 70.2 81.7 82.2 71.2 GE CODE 56.4 61.7 75.1 75.8 76.0 78.8 80.2 80.3 85.3 83.3 83.7 83.9 84.4 87.4 85.8 GE 82.0 56.6 85.9 86.2 7001 76.8 88.1 72.1 72.1 89.9 5001 81.3 83.9 89.4 89.8 90.5 91.2 91.9 56.6 76.3 85.6 48.5 86.6 87.1 87.2 91.1 92.6 93.5 91.5 93.1 94.1 4001 3001 77.6 84.7 92.2 56.6 62.0 76.4 81.7 90.0 93.0 93.8 81.8 91.2 GE 56.7 62.1 72.2 76.5 91.9 94.9 96.1 2101 1001 94.2 01

ULCHAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF GCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIH WEATHER SERVICE/MAC

STATICY NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PERIOD OF HECURD: 74-8" MONTH: DEC HOURSILSTI: UPOD-0200 VISIBILITY IN HUNDREUS OF METERS CETETAG SE 32 GF GE FEET 94 σÜ 50 4.6 40 24 20 16 12 10 NO CETL I 15.1 18.1 18.7 18.8 19.0 19.2 19.6 19.8 19.5 22.5 22.6 72.7 22.8 0E 190001 16.9 20.1 27.9 21.5 21.9 22.0 22.6 22.6 21.1 22.7 23.5 23.8 14.7 14.7 17.1 20.2 21.1 22.7 22.8 23.5 22.8 6F 140001 14.8 17.1 20.3 21.1 21.2 21.7 22.2 22.6 22.8 22.8 22.8 72.9 23.7 23.9 GE 120001 20.0 15.1 17.3 21.9 22.4 22.8 23.U 23.2 23.8 24.2 25.3 24.2 24.6 25.7 24.6 25.1 24.8 25.3 24.8 25.3 26.3 24.9 24.9 25.4 26.1 27.2 18.6 22.3 22.1 UE 100001 24.8 16.6 υĒ 20.3 24.6 GE Bruni 20.3 23.6 24.7 26.1 26.3 26.3 26.3 70001 17.7 24.9 26.9 26.9 27.2 SE 20.5 24.0 25.8 26.2 26.7 26.9 26.9 28.0 26.2 υE 50001 45001 27.6 27.7 28.5 29.7 32.4 27.9 37.6 37.7 47.0 LΕ 20.0 23.U 26.6 29.2 29.9 29.9 10.2 12.9 29.9 31.0 31.2 21.8 25.8 27.8 25.1 29.2 30.3 36.4 31.9 32.6 32.6 33.7 33.9 29.2 31.3 35.4 35.5 37.7 36.5 3P.8 GE 40301 34.1 37.1 37.5 37.7 37.7 37.7 18.1 39.1 35001 36.1 40.0 40.0 39.4 39.8 40.0 10.4 υĹ 41.5 30001 25pml 48.5 48.7 49.9 50.9 51.7 υĒ 41.0 51.7 51.7 51.8 £2.3 5 %.0 53.3 30.8 46.0 58.1 6F 20001 43.4 49.0 56.3 58.4 59.8 60.8 61.2 61.6 61.6 61.7 61.8 62.3 63.0 65.3 18001 63.3 44.1 49.7 59.7 61.1 62.0 62.5 63.1 63.8 υE 63.1 63.2 64.5 64.6 6E 15001 69.8 69.0 70.2 12301 68.4 69.8 68.7 SE GE 16.2 11.5 10001 58.5 72.2 73.1 75.8 77.4 77.4 77.5 77.7 18.9 19 .. 9001 51.9 72.7 75.5 78.0 76.8 79.4 78.8 78.8 78.9 79.1 79.6 82.5 60.3 Pu.6 71.6 euni 52.6 59.8 75.1 75.5 81.7 81.7 61.2 GE e0.1 81.8 82.0 63.5 6 E 7001 60.3 76.2 79.8 66.1 6301 6E 53.1 60.6 73.4 76.2 81.7 88.3 39.3 88.9 90.1 94.4 84.7 95.7 91.6 93.3 5001 73.5 73.7 77.1 77.3 86.6 92.7 93.8 92.8 CF 53.2 60.8 78.3 82.0 91.0 91.0 91.1 93.1 78.5 78.5 4001 υĒ 53.2 63.8 82.9 92.4 97.7 92.8 94.8 3301 53.2 60.8 73.7 77.3 82.9 85.7 87.6 34.2 94.6 95.2 95.7 96.5 96.8 2001 73.7 77.3 82.9 94.9 97.6 GE 53.2 60.0 76.5 85.7 87.6 73.5 94.5 95.6 96.3 98.2 1001 60.9 93.8 96.0 73.8 0.153.3 60.9 83.D 87.7 95.4 96.1 98.9 110.0

GLJEAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCUPRENCE OF CELLING VEHSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PERIOD OF RECORD: 74-83 MONTH: DEC HOURSILST): U300-0500 VISIBILITY IN HUNDREDS OF METERS CEILING UE. IN G€ 3 2 3E 24 3 E űE SE 40 20 5 160 90 80 6.4 48 16 12 10 4 u NO CETE ! 12.8 14.5 16.9 18.2 18.4 19.0 19.8 20.0 20.1 20.1 20.2 20.3 21.0 21.2 21.9 21.9 21.9 SE ZUDDOI 13.3 18.0 19.4 19.6 20.4 20.9 21.3 21.5 21.7 21.7 22.6 22.9 UE 140001 13.3 15.1 18.0 19.6 UE 160001 13.3 15.1 16.0 19.6 20.4 20.9 21.5 21.7 21.7 22.6 GE 140JOI 13.5 15.3 18.2 19.6 19.8 20.6 21.1 21.5 21.7 21.9 21.9 22.0 22.2 22.A 23.1 20.9 UE 120001 13.5 15.3 18.3 19.8 20.0 21.3 21.7 21.9 22.2 22.2 22.3 22.4 23.0 23.3 23.7 24.2 25.7 SE 100001 14.1 15.6 18.8 20.3 20.5 21.1 21.4 21.8 22.9 22.6 22.8 22.8 22.9 23.J 23.5 24.5 24.9 25.6 80001 15.5 17.8 20.9 23.4 23.9 24.4 24.6 24.8 25.1 25.5 19.0 22.8 25.3 70001 15.6 21.2 23.0 24.0 24.4 25.5 25.7 26.3 26.7 18.3 21.5 23.3 26.0 6 E 60401 15.7 24.0 26.1 31.4 GF 50ani 17.5 20.3 25.6 26.9 31.0 27.3 28.0 32.2 28.3 32.5 28.5 28.5 28.6 28.8 33.0 29.6 29.4 4500 21.2 30.0 34.1 24.1 27.6 33.0 34.9 36.8 37.1 18 · 1 42 · 3 40001 26.8 33.7 35.5 36.1 37.0 37.0 37.3 38.6 GE 35001 30.6 35.5 37.1 37.7 39.6 90.2 41.1 41.1 41.2 41.5 42.0 3000 31.2 úΕ 25301 37.2 48.7 48.9 49.3 49.4 57.1 33.8 42.8 44.7 45.4 46.9 47.4 48.1 48.9 56.6 2000 45.8 52.6 55.4 57.0 57.8 53.5 59.2 59.5 59.5 59.6 59.9 60.8 61.4 41.4 46.5 53.2 55.4 56.2 64.1 58.7 67.6 60.1 68.5 60.3 60.3 68.8 3E 16001 42.U 57.8 60.8 61.6 64.3 63.2 70.0 GΕ 15001 48.1 61.0 66.0 69.1 74.6 12001 70.5 12.5 GE 10001 52.2 58.1 68.1 70.5 74.3 76.0 76.9 77.1 77.1 77.5 78.4 19.4 77.1 58.7 69.7 72.2 76.0 77.1 77.8 78.7 78.9 87.6 80.2 81.9 G۲ 9001 73.0 78.9 79.0 79.4 80.9 80.9 P1 . 1 8001 73.9 84.6 SE 52.9 82.6 53.3 59.8 81.0 82.3 83.5 43.7 υĘ 730 71.7 83.3 84.0 6401 59.9 75.5 63.1 89.0 88.6 90.5 5301 77.3 85.4 87.2 87.4 99.7 91.6 93.4 89.9 91.8 93.7 90.2 92.0 ٥E 53.4 59.9 72.9 76.7 82.5 87.3 89.9 53.4 59.9 73.3 76.8 83.8 91.8 92.2 93.3 GE 4001 77.8 87.1 94.0 100 17.8 89.7 94.6 96.1 GE 200 59.9 87.4 93.B 95.9 97.2 98.6 99.7 1001 53.4 59.9 73.3 76.6 77.H 94.1 95.6 97.1 48.5 21 53.4 59.9 73.5 77.8 83.* 87.4 87.7 94.1 94.5 94.8 95.6 97.1 98.6 100.0

TOTAL NUMBER OF OBSERVATIONS: 950

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GLUBAL CLIMATOLOGY HRANCH USAFETAC

PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

marine and

AIR MEATHER SERVICE/HAC

STATION NUMBER: 106140 STATION NAME: RANSTEIN AS GERMANY PERIOD OF RECORD: 74-83 MONTH: DEC VISIBILITY IN HUNDREDS OF METERS CEILING UE 40 GE 32 GE 24 GE 20 IN | ST FELT | 160 GE 90 80 60 48 12 10 Ś ü 16 NO CETE 1 12.2 13.9 16.0 17.3 19.5 20.6 19.8 SE 180001 12.8 12.8 14.5 14.5 18.6 19.1 19.5 19.5 21.0 21.0 21.3 21.6 21.9 22.2 16.9 18.7 19.9 20.4 16.9 18.7 19.9 20.4 19.1 19.9 21.9 6F 160001 12.8 14.5 14.5 16.9 18.6 18.7 19.5 20.4 21.0 21.0 21.3 21.6 22,2 20.4 6E 140001 16.9 22.2 CE 120001 GE 100001 GF 90001 19.1 19.4 20.8 21.2 21.4 22.9 21.7 21.9 23.4 14.8 19.2 19.7 20,0 20.5 21.7 21.9 23.4 23.9 22.0 22.4 22.7 22.4 19.º 21.4 21.8 13.2 15.1 16.3 17.6 19.5 20.2 20.8 22.3 22.6 24.1 22.9 23.1 80001 19.0 24.4 üΕ 14.4 24.6 7000 14.7 19.5 24.2 24.5 4.F 60001 15.2 21.7 24.6 18.7 υE 50001 45001 16.8 21.8 27.8 23.7 24.1 24.6 24.9 25.5 28.8 26.1 26.7 30.0 26.7 27.0 30.3 27.3 27.6 26.8 31.2 37.1 40001 26.3 30.3 32.2 32.8 34.0 35.6 36.5 34.6 36.1 36.1 36.8 37.3 GE 35001 28.1 30.5 34.9 36.8 37.4 38.2 38.6 39.2 40.2 40.8 40.8 41.1 41.4 41.9 38.5 300nl 40.3 GE 31.2 33.7 41.D 41.8 44.5 45.2 45.5 42.3 42.9 44.0 44.5 44.8 46.4 34.3 25001 47.5 56.7 49.9 59.2 63.9 70.3 GE 37.1 42.6 50.5 44.3 44.9 53.8 46.1 55.3 46.9 56.0 48.7 58.1 49.2 58.6 49.2 58.6 49.6 58.9 50.2 59.6 50.8 20001 45.2 53.1 66.1 61.2 GΕ 18001 43.2 46.5 51.8 54.4 55.1 56.9 57.5 58.2 59.7 60.2 69.7 60.2 60.5 70.0 61.7 1500 49.9 71.2 υE 69.1 υĒ 12001 51.9 55.5 63.3 72.7 73.7 71.4 72.3 73.4 74.9 76.3 78.2 79.6 81.5 10001 70.8 71.6 74.0 75.4 75.8 77.2 78.9 68.7 55.3 59.4 79.7 80.0 6 E Sunt 79.G 80.6 81.2 59.5 77.1 78.1 78.9 81.9 82.3 GE 8001 72.6 81.0 81.6 55.3 82.6 83.1 7001 55.7 60.1 75.5 79.6 84.3 85.1 G F. 6001 55.8 60.2 72.2 75.8 76.7 81.0 82.5 83.9 86.8 87.3 97.4 87.8 88.2 85.5 89.3 LE 91.9 93.2 94.7 92.3 93.5 5401 73.0 73.2 77.8 78.3 82.8 91.1 91.6 £5.8 60.2 76.9 85.4 86.8 90.5 91.2 92.8 GE 4001 55.8 77.2 92.5 88.1 91.8 94.1 60.2 86.6 GE 3001 55.8 60.2 73.2 77.2 78.3 83.5 86.8 68.4 93.2 93.8 94.4 95.1 95.6 2001 77.2 95.7 GE 55.8 60.2 73.2 76.3 83.5 86.8 88.6 94.2 94.8 95.1 96.1 97.0 97.6 1001 60. 4 78.3 95.6 96.9 86.8

TOTAL NUMBER OF OBSERVATIONS: 930

55.8

60.2

73.2

77.2

78.3

83.5

86.8

88.6

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September Conversion 1

14

95.3

25.6

96.9

97.4

98.8

106.0

94.4

GLJBAL CLIMATOLOGY BRANCH USAFETAU AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

170

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PERIOD OF RECORD: 74-83 MONTH: DEC HOURS(LST): 0900-1100 CEILING VISIBILITY IN HUNDREDS OF METERS GE GE GE G£ I N GE GE GE GE GF FEET 90 60 4 D 32 20 16 1 160 80 10 NO CEIL I 10.5 12.4 14.1 15.2 16.0 16.0 16.2 16.3 GE 200001 15.9 10.0 13.8 16.7 17.1 17.4 17.7 18.0 19.0 18.1 18.4 11.7 16.1 18.3 18.4 15.9 17.7 18.0 11.7 13.8 16.1 16.4 18.3 13.8 17.1 17.4 18.0 GE 160001 10.0 11.7 16.1 16.7 18.1 18.3 18.4 16.4 18.1 GE 140JOI 13.9 16.8 17.2 17.8 18.2 18.4 18.5 10.0 11.8 16.0 16.2 18.5 SE 120001 10.1 14.D GE LUDDO! 17.3 17.8 17.6 18.3 18.7 19.1 19.7 19.8 20.0 20.1 10.9 12.8 15.1 19.5 19.7 20.1 9000 11.3 13.2 15.6 18.2 18.8 20.C 20.2 20.2 20.3 20.6 26.6 80001 70001 14.5 17.0 19.2 20.0 19.6 20.8 21.2 21.5 21.7 21.7 21.6 22.8 22.2 GE 12.6 20.3 22.2 GE 13.0 21.1 22.9 60001 23.7 24.1 24.4 26.3 32.6 37.0 24.6 26.6 32.9 GE GE 50001 24.7 26.7 33.0 37.4 24.9 26.9 33.2 37.6 14.4 19.2 22.0 22.5 23.2 25.1 16.5 25.1 26.6 32.9 37.3 24.3 30.0 45001 18.0 20.9 23.9 25.1 27.0 31.4 40001 22.6 29.6 31.0 31.9 GE 19.4 26.2 33.3 33.3 22.3 30.1 33.9 35.3 37.3 37.7 6 E 35001 34.3 36.3 30001 40.5 GE 25001 20001 35.3 41.3 40.4 44.7 51.3 53.0 45.3 51.9 46.5 53.5 55.4 47.1 54.2 56.0 47.6 48.6 56.0 58.2 48.9 56.5 58.6 48.9 49.0 56.6 58.7 49.5 57.1 59.2 49.6 57.2 46.8 36.6 6E 18001 38.0 42.7 56.8 58.6 59.4 53.7 59.4 1500 67.0 59.5 ьE 12001 45.7 51.4 64.5 65.2 67.2 68.0 68.7 70.2 70.6 70.6 70.8 71.3 71.4 71.4 71.1 72.6 73.7 77.4 79.1 78.2 79.9 GE 10001 73.9 74.7 76.5 77.0 78.1 78 · 2 79 · 9 GE 9401 48.4 54.9 73.2 75.6 17.2 79.1 79.2 66.6 78.7 55.8 67.6 77.1 78.1 78.9 80.4 80.9 80.9 81.1 A1.6 81.7 GE 8001 48.9 81.7 GE 7001 48.9 55.8 68.5 74.8 75.6 78.5 79.8 80.6 82.8 83.2 83.2 83.4 84.0 04.1 84 . 1 GE 6001 48.9 55.8 68.9 75.4 76.7 80.5 81.9 83.7 86.3 86.8 86.9 87.3 87.8 88.0 88.0 76.6 76.9 GE GE 78.0 78.3 90.6 91.3 92.7 91.4 92.4 Sont 48.9 55.8 69.7 82.6 85.1 87.0 91.8 92.5 92.5 48.9 85.9 4001 55.8 69.8 82.9 87.8 93.2 94.0 94.0 1001 55.8 69.8 76.9 78.3 82.9 88.6 94.0 95.5 96.2 96.3 96.3 86.5 97.5 GE 2001 48.9 55.8 69.8 76.9 78.3 82.9 86.5 88.6 94.4 95.5 95.7 95.3 98.1 98.1 G€ 1001 48.9 55.8 69.8 76.9 78.3 82.9 86.5 88.6 94.6 96.4 96.8 98.2 99.6 100.0 GE 0.1 46.9 55.8 76.9 76.3 87.9 86.5 88.6 94.6 95.8 96.4 96.8 98.2 99.6 100.B

TOTAL NUMBER OF OBSERVATIONS: 930

.

7.50

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

and and

STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY PEPIOD OF RECORD: 74-83 HONTH: DEC HOURS(LST): 1200-1400 CEILING VISIBILITY IN HUNDREDS OF METERS GE 5 G T GE GE GE CE 40 GE 32 GE GE 20 GE GE GŁ GΕ GE 4 GE 1 160 90 24 16 10 υ 80 60 48 12 FEET NO CEIL I 11.1 11.6 13.4 15.1 15.4 15.9 16.1 16.3 16.7 16.8 16.8 16.8 16.8 17.0 17.0 19.2 19.7 19.7 20.1 20.1 21.5 GE 200001 13.3 14.7 17.0 17.3 19.6 20.3 21.1 21.0 21.4 21.5 21.1 21.1 21.3 21.3 13.5 20.5 20.8 21.5 21.5 21.7 18000 14.9 20.5 21.4 21.5 21.5 21.5 21.5 21.7 GE 160001 13.5 17.3 20.0 20.8 21.1 21.7 GE 140001 13.8 17.7 20.4 21.2 21.5 22.2 GE 120J01 14.0 18.0 20.3 20.6 21.0 23.8 24.3 25.4 26.7 16.8 17.0 17.8 18.7 19.5 19.8 20.8 21.7 22.2 22.5 23.7 23.7 24.0 25.3 23.8 24.1 25.4 23.8 24.1 25.4 GE 100001 21.8 22.7 23.0 23.3 23.7 23.5 24.0 15.1 24.0 22.2 24.1 24.3 24.3 9000 15.3 23.0 24.3 24.6 24.9 GE 80001 16.0 26.7 26.7 26.7 26.9 70001 24.3 24.8 26.6 GΕ 16.8 26.9 16.9 GE 60001 18.8 27.0 27.0 27.0 28.8 32.9 22.9 24.5 28.3 27.4 29.2 33.3 50001 17.8 25.6 27.4 31.3 26.1 28.0 32.0 GE 30.0 29.6 33.8 37.8 30.2 GE 29.9 30.2 4500 19.0 21.4 30.0 30.0 30.0 40001 22.2 24.8 34.1 34.2 34.2 34.2 34.2 34.4 GΕ 34.4 3500 37.0 37.4 38.4 46.2 GE 3000 31.2 35.3 42.6 43.3 44.9 45.9 46.0 46.0 46.2 50.3 57.4 59.2 51.5 GE 2500 39.7 51.3 51.4 51.4 51.5 49.8 53.7 55.3 GE 20001 54.4 59.1 58.6 40.4 44.7 56.7 58.5 58.9 58.9 GΕ 1800 41.9 46.2 51.4 56.0 58.4 60.5 67.6 60.6 60.8 60.8 61.0 61.0 67.7 1500 50.8 57.1 62.3 64.9 67.4 67.5 71.6 GE 1240 48.1 54.1 61.8 66.7 67.5 70.5 72.3 73.1 73.2 73.2 73.3 73.3 73.5 73.5 71.0 71.6 71.8 72.5 75.9 77.1 79.4 79.6 6E tenel 55.2 65.5 77.7 79.1 79.2 79.7 79.4 79.6 900 .0.0 87.1 60.1 80.2 GE 49.0 55.2 65.8 78.5 60.4 80.4 GE 800 49.7 55.8 66.9 79.1 60.4 81.5 83.1 83.7 83.2 83.3 83.3 83.5 83.5 GE 7001 50.0 56.1 67.5 74.7 75.8 81.1 82.7 83.8 85.9 86.0 86.2 86.3 86.3 86.6 86.6 6001 75.5 82.5 86.5 89.5 89.6 89.8 50.6 56.1 67.6 76.8 ĠΕ 5001 50.0 56.1 67.4 76.3 77.6 83.8 87.0 89.2 92.5 92.7 92.9 93.1 93.1 93.3 93.3 94.8 4001 67.8 76.3 77.6 87.6 90.1 93.9 94.1 94.6 94.6 94.8 GE 50.0 87.6 90.1 96.5 97.4 97.6 GE 3001 50.0 56.1 67.8 76.3 77.6 83.8 95.2 95.9 97.4 GE 2001 50.0 56.1 67.8 76.3 77.6 83.8 95.8 96.7 99.4 99.4 99.4 GE 50.0 76.3 90.2 úΕ o t 50.0 56.1 67.8 76.3 77.6 83.8 27.7 90.2 95.8 96.8 97.3 98.5 99.1 99.9 100.0

TOTAL NUMBER OF OBSERVATIONS:

9 30

74

1/4.

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STAT	IION NI	UMBER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMANY					OF HEC				
												HONTH			(LST):		
CEIL		• • • • • •	• • • • • • •	•••••	• • • • • • • • •	• • • • • •		VISIBILI					• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
It		GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	3E	GE	GE
FEE		160	90	80	60	4.9	40	32	24	20	16	12	10	8	5	4	u u
			• • • • • • •								• • • • • •			• • • • • •			
****												••••					
NO C	EIL		15.1	15.7	16.9	17.6	17.7	18.3	18.3	18.4	18.4	18.4	16.4	18.4	10.4	18.5	18.5
			7.7	100	122 0						- 0	-1.12					
	100001		17.5	18.7	20.5	21.6	21.7	22.6	22.6	22.7	22.7	27.7	22.7	22.7	72.7	22.8	22.9
	Incas		17.5	18.7	20.6	21.7	21.8	22.7	22.7	22.8	22.8	22.A	22.8	22.8	22.8	22.9	23.0
	4000		17.5 17.6	18.7 18.8	20.6 20.8	21.7	21.8 21.9	22.7 22.8	22.7	22.8	22.8	22.8 22.9	22.8	22.8	22.8	22.9	23.0 23.1
	20001		18.0	19.1	21.1	22.2	22.3	23.1	23.1	23.2	23.2	23.2	23.2	23.2	22.9	23.0	
36 1	20001		10.0	19.1	21.1	~~~	22.3	23.1	23.1	23.2	73.2	23.2	23.2	23.2	23.2	23.3	23.4
6E 1	100001		19.8	21.2	23.3	24.4	24.5	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.7	25.8
	90001		20.0	21.4	23.5	24.7	24.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	26.0	26.1
GE	80001		21.5	22.5	25.1	26.7	26.8	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	29.3	28.4
GE	70401		22.6	24.0	26.2	28.1	26.2	29.5	29.5	27.6	29.6	29.6	29.6	29.6	29.6	29.7	29.8
GE	60001		22.8	24.2	26.5	28.3	28.4	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.9	30.0
_																	
	50001		23.5	24.9	27.5	29.4	29.5	30.8	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.1	31.2
	4500		25.3 27.8	26.8	29.6	31.4	31.5	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.1	33.2
	40301		31.8	29.4	32.4 36.5	34.3	34.4	35.7	35.9	36.0 40.5	36.0 40.5	36.0	36.0	36.0	36.0	36.1	36.2
	35001		37.8	40.1	43.3	38.6	38.8	40.2	48.0	48.4	48.5	40.5 48.5	40.5	40.5	40.5	48.6	46.8
O.C.	2001		31.0	40.1	4363	43.7	40.2	4/4/	₹0.0	40.4	40.5	40.5	40.5	40.5	70.3	48.0	70.1
GE	25001		41.9	44.3	47.6	50.6	51.0	52.5	52.7	53.1	53.2	53.3	53.3	53.3	53.3	53.4	53.5
	20001		48.0	50.9	54.9	58.8	59.1	61.0	61.2	61.9	62.2	67.3	62.3	62.3	62.3	62.4	62.5
GE	18001		49.4	52.3	56.7	60.6	61.0	63.0	63.2	64.0	64.2	64.3	64.3	64.3	64.3	64.4	64.5
6E	1530		53.4	57.5	63.4	67.7	68.1	70.6	70.9	71.6	71.8	71.9	71.9	71.9	71.9	72.0	72.2
GE	12001		55.3	59.9	67.7	72.6	72.9	75.6	75.9	76.7	77.0	77.1	77.1	77.1	77.1	17.2	77.3
G€	10001		55.9	61.6	70.8	76.5	76.8	79.7	80.3	81.3	81.8	81.9	81.9	81.9	81.9	82.0	82.2
GE	900		55.9	61.7	71.1	78.0	78.3	61.2	81.9	82.9	83.4	83.5	83.5	83.5	83.5	83.7	83.8
GE	8301		56.1	61.9	71.8	79.9	80.3	83.7	84.4	85.7	86.5	86.6	86.6	86.6	86.6	86.7	86.8
GE	7001		56.5	62.4	72.5	61.1	81.5	85.1	86.2	87.6	89.0	89.1	89.2	89.2	89.2	89.4	89.5
GE	6001		56.5	62.4	72.6	81.8	92.3	86.2	87.6	89.1	91.9	92.0	92.2	92.2	92.2	92.3	92.4
					1000			1.5	4								
GE	sani		56.5	62.4	72.6	81.9	82.4	86.6	88.1	90.6	93.9	94.0	94.4	94.6	94.6	94.7	94.8
υE	• 001		56.5	62.4	72.6	81.9	52.4	86.6	88.1	90.8	94.9	95.1	95.5	96.1	96.1	96.2	96.3
GE	300		56.5	62.4	72.6	81.9	82.4	86.6	88.3	91.2	96.3	96.8	97.2	98.2	98.3	98.4	98.6
GE	5001		56.5	62.4	72.6	81.9	82.4	86.6	88.3	91.2	96.5	97.1	97.5	98.5	98.9	99.4	99.9
G€	1001		56.5	62.4	72.6	81.9	82.4	86.6	88.3	91.2	96.5	97.1	97.5	93.5	98.9	99.5	100.0
GE	ni		56.5	62.4	72.6	81.9	82.4	86.6	88.3	91.2	96.5	97.1	97.5	98.5	98.9	99.5	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR #EATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUMBE												HOURS	(LST):	1 000-50	00
CEILING								HUNDREDS					• • • • • • • •		
IN G1 FEET 16		GE BU	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE U
NO CEIL I	16.1	17.5	19.1	19.7	19.8	20.2	20.3	20.4	20.6	20.6	20.6	20.6	20.8	20.8	26.9
GE 20000 GE 18000 GE 16000	18.6 18.7 18.7	20.4	22.2 22.3 22.3	22.9 23.0 23.0	23.0 23.1 23.1	23.5 23.7 23.7	23.8	23.9 24.0 24.0	24.1 24.2 24.2	24.1	24.2 24.3 24.3	24.2 24.3 24.3	24.3 24.4 24.4	24.4	24.4 24.5 24.5
GE 14000 GE 12000	19.0 19.5	20.6	22.6 23.0	23.3	23.4	24.0	24.2	24.3	24.5	24.5	24.6 25.1	24.6 25.1	24.7 25.2	24.7	24.8
GE 10000 GE 5000	20.9 21.1 22.0	22.8 23.2 24.2	24.9 25.4 26.5	26.1 26.7 28.1	26.2 26.8 28.2	26.9 27.4 28.8	27.1 27.6 29.2	21.2 21.7 29.4	27.4 28.0 29.6	27.4 28.0 29.6	27.5 28.1 29.7	27.5 28.1 29.7	27.6 28.2 29.8	27.6 28.2 29.8	27.7 26.3 29.9
GE 60001	22.3	24.6	26.9 26.9	28.5 28.5	28.6	29.4	29.7 29.8	29.8	30.0 30.1	30.0 30.1	30.3 30.4	30.3	30.4	30.4	30.5 30.6
GE 5000 GE 4500 GE 4000	23.4 25.2 29.9	25.8 27.6 32.6	28.1 30.3 35.4	29.7 32.3 37.4	29.9 32.5 37.7	30.5 33.1 38.4	31.0 33.5 38.8	31.1 33.7 38.9	31.3 33.9 39.1	31.3 33.9 39.1	31.6 34.2 39.5	31.6 34.2 39.5	*1.7 34.3 39.6	31.7 34.3 39.6	31.8 34.4 39.7
GE 3500 GE 3000	32.8 38.6	35.5	38.5 45.6	40.8	41.1	41.7	42.2	42.3 50.2	42.8 51.1	42.8 51.1	43.1 51.5	43.1 51.5	43.2 51.6	43.2 51.6	43.3 51.7
GE 2500 GE 2000 GE 1800	42.9 47.7 48.4	46.6 52.3 53.0	50.4 56.9 58.1	53.9 60.8 61.9	54.2 61.1 62.3	54.8 61.9 63.1	55.3 62.4 63.5	55.7 62.8 64.0	56.7 64.0 65.2	56.7 64.0 65.2	57.1 64.4 65.6	57.1 64.4 65.6	57.2 64.5 65.7	57.2 64.5 65.7	57.3 64.6 65.6
GE 1200	51.3 53.4	57.1 57.6	63.1	67.6	68.D 72.3	69.2 73.5	69.7 74.0	70.1 74.5	71.4 75.8	71.4 75.8	71.8	71.8 76.2	71.9 76.3	71.9	72.0 76.5
GE 1000 GE 900 GE 800	54.4 54.7 54.8	61.1 61.4 61.5	69.6 70.3 71.0	75.6 77.0 78.4	75.9 77.4 78.8	77.5 79.4 81.4	78.0 79.8 92.2	78.5 80.3 62.8	80.1 81.9 84.4	80.1 81.9 84.4	80.5 82.4 84.8	80.5 82.4 84.8	82.5 84.9	80.6 52.5 64.9	80.8 82.6 85.1
GE 6001	55.2 55.2	61.8	71.8 72.4	79.6 80.2	80.9	83.2 84.6	84.5 86.0	85.2	87.4 90.1	87.4 90.1	87.8 90.6	87.8 90.6	88.0 90.8	88.0 90.8	96.1
GE 5001 GE 4001 GE 3001	55.2 55.2 55.2	61.9 61.9	72.5 72.5 72.5	80.6 80.6 60.6	81.3 81.3 81.3	85.4 85.6 85.8	86.8 87.1 87.6	88.2 68.7 89.9	92.2 93.4 95.5	92.2 93.7 95.7	92.9 94.4 96.7	93.1 94.7 97.2	93.3 94.9 97.5	93.3 94.9 97.8	93.4 95.1 98.3
GE 2001 GE 1001	55.2 55.2	61.9	72.5 72.5	80.6	81.3	85.8	87.6 87.6	89.9	95.5 95.5	95.7 95.7	96.7 96.7	97.2 97.2	97.8 97.8	98.5 98.5	100.0
GE DI	55.2	61.9	72.5	80.6	81.3	85.8	87.6	89.9	95.5	95.7	96.7	97.2	97.8		100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION	NUMBER:	106140	STATI	ON NAME:	RAMS	TEIN AB	GERMANY	r			PERIOD MONTH	OF REC			2100-23	GO
	LING		• • • • • • • • •	•••••	• • • • • • • • •	•••••		VISIBILI					• • • • • • •	• • • • • • •	•••••	• • • • • •	•••••
I		1 61	GE	GE	GE	GE	CE	GE	GE	ΰE	GE	GE	GE	GE	GΕ	GE	GE
	ĒΤ	160	90	80	6.1	48	40	32	24	20	16	12	10	8	5	4	u
• • •					• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	
NO :	CEIL	1	14.0	16.1	19.1	19.5	19.5	20.5	21.0	21.0	21.5	21.5	21.6	21.8	21.9	22.0	22.0
																	120
	2000		15.7	17.8	21.1	22.0	22.0	22.8	23.2	23.2	23.9	23.7	24.0	24.2	24.3	24.4	74 .4
	1800		15.7	17.8	21.1	22.0	22.0	22.8	23.2	23.2	23.9	23.9	24.0	24.2	24.3	24.4	24.4
	1600		15.7	17.8	21.1	22.0	22.0	22.8	23.2	23.2	23.9	23.9	24.0	24.2	24.3	24.4	24.4
-	1400		15.9	18.1	21.3	22.3	22.3	23.0	23.4	23.4	24.1	24.1	24.2	24.4	24.5	24.6	24.6
GF	1200	01	16.3	18.5	21.7	22.7	22.7	23.4	23.9	23.9	24.6	24.6	24.7	24.9	25 • 1	25.2	25.2
6E	1000	01	17.5	20.1	23.9	25.1	25.1	25.8	26.3	26.3	27.1	27.1	27.2	27.5	27.6	27.7	27.7
GE	900	0	18.0	20.5	24.3	25.5	25.5	26.2	26.8	26.8	27.5	27.5	27.6	28.0	28.1	28.2	28.4
GE	800	01	16.8	21.4	25.2	26.3	26.3	27.1	27.8	27.8	28.6	24.6	28.7	29.0	29.1	29.2	29.2
GE	700	01	19.0	21.6	25.4	26.6	26.6	27.4	28.2	28.2	28.9	29.0	29.1	29.5	29.8	29.9	29.9
GE	600	01	19.1	21.8	25.6	26.8	26.8	27.6	28.4	28.4	29.1	29.2	29.4	29.7	30.0	30.1	30.1
GE	500	01	20.6	23.4	27.2	28.4	28.4	29.2	30.2	30.2	31.0	31.1	31.2	31.5	31.8	31.9	31.9
GE	450	0	23.5	26.3	30.3	31.6	31.6	32.5	33.4	33.5	34.3	34.4	34.5	34.8	15.2	35.3	35.3
GE	400	01	27.0	30.0	34.0	35.7	35.7	36.6	37.5	37.6	38.4	39.5	38.6	38.9	39.2	39.4	39.4
GE	350	σi	29.8	33.0	37.0	38.7	38.8	39.7	40.6	40.9	41.9	42.0	42.3	42.6	42.9	43.0	43.0
GĒ	300	0 (36.0	39.8	44.7	46.5	46.7	47.5	48.6	48.9	50.4	57.6	50.9	51.2	51.6	51.7	51.7
GE	250	01	40.1	44.3	49.9	52.0	52.3	53.1	54.2	54.5	56.1	56.3	56.6	56.9	57.3	57.4	57.4
GE	200	οi	44.4	49.5	56.2	58.7	58.9	59.8	61.1	61.4	63.1	63.3	63.5	63.9	64.3	64.4	64.4
GE	180	01	44.8	49.9	56.8	59.4	59.6	60.4	61.7	62.0	63.8	64.0	64.2	64.5	64.9	65.1	65.1
υE	15D	O i	47.7	53.7	61.6	64.6	64.8	66.0	67.4	67.7	69.5	69.7	69.9	70.2	70.6	70.8	70.8
GE	120		50.4	57.0	66.2	69.8	70.0	71.2	72.6	72.9	74.7	74.9	75.2	75.5	75.9	76.0	76.0
GE	100	o i	51.7	58.5	69.6	73.2	73.7	74.9	76.6	76.9	79.0	79.2	79.5	79.8	80.2	80.3	80.3
GΕ	901		52.3	59.0	70.9	74.9	75.4	76.7	76.3	78.7	AD.9	81.1	81.3	81.6	82.0	82.2	62.2
GE	80	σi	52.5	59.2	71.8	76.7	77.1	78.7	80.5	61.1	83.4	83.7	83.9	84.2	84.6	84.7	84.7
GE	701	o i	52.8	59.6	72.6	78.0	76.4	80.5	82.6	83.2	85.9	86.1	86.3	86.7	87.1	87.2	87.2
GΕ	841	οj	52.8	59.6	72.0	78.4	79.1	81.9	94.2	85.2	88.8	89.0	89.6	90.0	90.4	90.5	90.5
GE	501	n I	52.8	59.6	72.8	78.4	79.2	82.4	84.9	66.1	91.4	91.6	92.2	92.6	93.0	93.1	93.1
6 E	40		52.8	59.6	72.8	78.4	79.2	82.6	85.4	86.8	92.5	92.7	93.3	93.8	94.2	94.3	94.3
GΕ	301		52.6	59.6	72.8	78.4	79.2	82.6	85.5	87.1	94.3	95.1	95.8	96.2	97.0	97.1	97.1
GE	201		52.8	59.6	72.8	78.4	79.2	82.6	85.5	87.1	94.4	95.4	96.3	96.8	97.6	98.2	98.9
GE	10		52.8	59.6	72.8	78.4	79.2	82.6	85.5	87.1	94.4	95.4	96.3	96.9	98.2	98.7	99.7
G E	1	01	52.8	59.6	72.8	78.4	79.2	82.6	85.5	87.1	94.4	95.4	96.5	97.0	98.3	98.8	100.0
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIN MERITIEN 3	LH #1 CE / III C													
STATION NUMBE	R: 106140 ST	TATION NAME:	RAMSTEI	N AB (ERMANY				GOI939	OF RECO	RD: 74-		ALL	
	• • • • • • • • • • • •		• • • • • • • •							• • • • • •	• • • • • •	• • • • • •	• • • • • •	
CEILING							UNDREDS							
IN GT FEET 1 16		6E GE 80 6J	G£ 48	⊌E 40	GE 32	GE 24	GE	GE	6E 12	GΕ	GE	ůE S	SE 4	O.E.
· · · · · · · · · · · · · · · · · · ·							20	16		10	8	-		u
				••••		•••••	•••••		• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
NO CEIL	12.9 14	1.3 16.5	17.6	7.7	18.2	18.5	18.7	19.0	19.1	19.1	19.2	19.3	19.6	19.7
6E 200001	14.5 16	.2 18.7	20.1 2	0.2	20.8	21.2	21.4	21.7	21.9	21.9	22.0	22.1	22.4	22.5
GE 180001	14.5 16	.3 18.8	20.2 2	0.3	20.9	21.3	21.5	21.8	22.0	22.0	22.1	22.2	22.5	22.6
GE 160071	14.5 16	.3 18.8	20.2 2	0.3	20.9	21.3	21.5	21.8	22.0	22.0	22.1	22.2	22.5	22.6
GE 140001	14.7 16	.5 19.0	20.3 2	0.5	21.1	21.4	21.7	22.0	22.2	22.2	22.3	22.4	22.7	22.8
PE 15600	14.9 16	.7 19.2	20.6 2	D . 8	21.4	21.7	22.0	22.4	22.5	22.5	22.6	22.7	23.0	23.1
											. 1-17-		2011	
GE 100001		.9 20.6		2.3	23.0	23.3	23.6	24.0	24.1	24.1	24.2	24.4	24.7	24.8
6E 9000		3.3 21.0		2.7	23.4	23.8	24.1	24.4	24.5	24.6	24.7	24.8	25.1	25.2
GE 8000 GE 70J0		22.3		4 - 1	24.8	25.2	25.5	25.9	26.0	26.0	26.1	26 • 3	26.5	26.7
6E 70J0		7.9 22.6 1.1 23.0		4.7	25.6	25.9	26.3	26.8	25.7 27.0	26.8	26.9 27.1	27.1	27.4	27.5
of phoni	17.7 20	1.1 23.0	24.1 2	4.9	23.0	20.2	26.5	20.0	27.0	27.0	21.1	21.3	27.6	27.7
GE 50001	19.3 21	.6 24.7	26.5 2	6.8	27.6	28.1	28.4	28.8	28.9	29.0	29.1	29.2	29.5	29.7
GE 45001		.8 27.2		9.4	30.3	30.8	31.1	31.5	31.6	31.7	31.8	32.0	32.3	32.4
GE 40301		1.7 31.5		4.0	34.9	35.4	35.8	36 . 3	36.5	36.5	36.6	36.8	37.1	37.3
GE 35001	28.2 31	.1 35.1	37.3 3	7.8	38 . 7	39.2	39.6	40.2	40.3	40.4	40.5	40.8	41.0	41.2
GE 30001		.8 41.4		4 . 2	45.3	45.9	46.4	47.1	47.3	47.4	47.5	47.8	40.1	48.3
GE 25001		1.7 45.5		8 . 8	49.9	50.6	51.1	51.9	52.1	52.2	52.3	52.5	52.8	53.1
GE 5000		.3 53.D		6.6	58.1	58.9	59.4	60.3	60.5	60.6	60.8	61.0	61.3	61.6
GE 18001		1.3 54.2		7.9	59.5	60.3	61.8	61.8	62.0	62.1	62.3	62.5	62.8	63.1
GE 15001		60.5	-	4.6	66.5	67.4	67.9	69.0	69.2	69.3	69.5	69.7	70.1	70.3
GE 12001	50.5 56	64.3	68.2 6	8.7	70.8	71.7	72.3	73.5	73.7	73.8	73.9	74.2	74.5	74.7
GE 10001	52.3 58	.3 68.2	72.5 7	3.1	75.6	76.6	77.2	78.6	78.8	78.9	79.1	79.4	19.7	79.9
GE 9001		69.1		4.4	77.0	78.1	78.8	AD. 2	80.4	80.5	90.6	80.9	81.2	81.4
GE BUCI		70.1		6.0	79.0	80.2	81.0	82.6	82.8	82.9	83.1	83.4	63.7	83.9
GE 7301		.5 71.1		7.4	80.9	82.4	83.4	85.3	85.6	85.7	85.9	86.1	86.4	86.7
UE 6001		.6 71.5		8.4	82.4	84.2	85.6	88.5	88.7	88.9	89.2	89.4	89.7	89.9
									1000					77.55
GE 500	53.2 59	71.9	78.0 7	9.0	83.5	85.9	87.7	91.5	91.7	92.0	92.3	92.6	92.9	93.1
6E 4001		72.0	78.2 7	9.2	84.0	86.7	88.6	92.8	93.1	93.4	93.9	94.2	94.5	94.7
SE 3001		72.0	7R.2 7	9 . 2	84.0	86.9	89.1	94.4	95.0	95.5	96.0	96.4	46.8	97.1
ee soul		1.6 72.0		9.2	84.0	86.9	89.1	94.8	95.5	96.0	96.7	97.4	98.2	98.8
GE 1001	53.2 59	72.0	78.2 7	9.2	84.0	86.9	89.1	94.9	95.7	96.2	97.0	98.0	99.0	99.8
GE 01	53.2 59	72.0	79.2 7	9.2	84.0	86.9	87.1	94.9	95.7	96.2	97.1	98	99.1	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHFR SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 74-83 STATION NUMBER: 106140 STATION NAME: RAMSTEIN AB GERMANY MONTH: ALL HOURS (LST): VISIBILITY IN HUNDREDS OF METERS CEILING IN GF 6E GE 32 GE GE GE GE GI GE GE 96 40 20 80 60 16 12 10 NO CEIL I 32.0 GE 200001 39.4 39.6 39.5 39.7 39.8 30.8 35.5 36.7 39.3 39.7 38.5 40.0 40.3 40.7 37.9 39.5 39.5 39.7 31.0 33.0 35.7 36.9 37.1 38.4 38.7 39.9 40.2 40.6 40.9 33.0 36.9 37.1 40.6 GF 160001 35.8 36.0 37.1 38.4 39.7 39.7 40.0 31.1 40.2 41.0 40.5 40.8 40.0 43.2 GE 120001 31.7 33.6 37.6 38.6 39.5 40.3 47.4 40.5 40.7 41.0 35.6 36.3 39.8 40.5 42.6 100001 33.5 38.5 40.0 40.7 40.8 41.4 42.5 42.7 43.5 42.9 43.2 42.4 44.4 GΕ 90301 34 - 1 44.8 36.7 42.3 45.7 46.9 47.8 80001 39.0 43.7 43.9 44.8 45.4 46.6 46.8 47.1 47.4 GE 48.2 37.6 6F 70u01 40.0 45.0 45.9 46.6 46.9 47.8 47.9 48.1 48.3 48.6 GE 45.2 48.3 60001 38.0 40.4 43.8 45.5 46.4 47.0 48.5 48.8 49.1 49.5 49.8 GE 50001 45001 40.4 42.9 46.6 48.1 52.0 48.3 52.3 49.3 53.3 50.0 54.0 50.3 54.4 51.3 55.4 51.5 51.6 51.8 55.9 52.1 56.3 52.6 56.7 52.9 43.8 46.5 58.1 62.3 GΕ 4030 47.8 50.7 54.9 56.7 57.0 58.9 59.3 60.3 60.5 60.6 60.9 61.2 61.7 GΕ 35001 60.8 61.1 51.2 54.4 63.1 61.5 64.6 64.8 64.9 65.2 65.5 66.0 66.4 25371 GE 58.9 62.6 68.1 70.3 70.7 72.1 73.1 73.6 74.9 75.1 75.2 75.5 75.9 76.3 76.7 79.1 80.1 74.2 75.1 79.2 76.1 77.1 GE GE 20001 65.8 74.6 77.2 79.3 79.4 79.7 80.1 80.5 18001 62.5 79.7 80.3 80.7 66.6 72.6 78.2 81.1 81.5 81.9 15001 83.1 84.6 85.0 85.7 GΕ 12001 66.4 71.0 81.5 82.0 87.4 98.4 89.8 90.8 84.D 94.7 87.4 1050 72.1 60.0 83.4 90.1 90.3 90.5 90.9 91.8 91.2 6E 9001 67.4 72.4 80.5 84.1 86.9 88.3 89.0 91.0 91.5 91.9 92.4 84.9 87.7 93.5 8001 67.6 72.7 81.0 85.4 89.2 89.9 91.9 92.1 92.6 93.0 93.9 6E 7301 72.8 85.3 85.9 88.4 90.0 90.8 92.9 93.2 93.4 93.7 95.0 GF 93.8 25.5 6001 72.8 81.5 85.5 86.2 88.8 90.6 91.5 94.3 94.7 95.1 96.0 G E Soni 67.8 67.8 72.9 72.9 81.6 81.6 85.6 85.7 86.4 86.4 89.1 91.0 91.3 92.0 92.3 94.6 95.1 94.9 95.4 95.2 95.7 95.5 96.1 96.0 96.6 96.4 97.1 96.9 97.5 400 GE 3001 72.9 72.9 85.7 85.7 91.4 95.5 96.7 97.0 97.2 98.3 67.8 81.6 86.4 89.3 92.5 95.9 96.3 97.8 67.8 81.6 86.4 89.3 92.5 95.1 96.5 98.4 1001 98.6 GE nt 100.0 81.6 86.4

TOTAL NUMBER OF OBSERVATIONS: 97626

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14.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all gears combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimim temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.
- * Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of vet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and vet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.
 - NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
 - b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (\bar{X}) , and standard deviations $(\bar{\sigma} x)$. The number of observations used in the computation for each element is also shown.
 - c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
 - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two table...
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DESSAL CLIMATOLOGY BRANCH DSAFETAC ATT JEATHER SERVICE/HAC 1/3/147 PAMSTEIN AS JERMANY STATION STATION NAME 1 12147

DAILY TEMPERATURES

12-33

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM DAILY OBSERVATIONS

 TEMP .	JAN	FER	MAR	APR	MAY	JUN	IUI	AUG	SEP	OC1	NOV	DEC	ANNUAL
150							• 1		-				
3 -						• *.	1.3	• 1.					•
3.						1 • 4,	4 . 5.	1.3					•
35				• =	1.3	4.	12.7	5.9	1.1			**	i
٤)				5	5.3	14.2	25.5	23.4	5.3				5.0
75			• -	?•1	15.2	32.1	44.3	19.4	13.2	1.3		**	12.
7 3			• 7	5.7	29.4	52.4	54.5	51.3	39.3	4.7			71
55 [• 5	4.7	19.1	45.3	72.5	35.1	34.5	52.5	14.7	• 4	• 1	32
5 3		1.4	12.2	36.5	77	71.5	97.5	75.3	25.2	34.6	2.4		44,
55	• 9	5.1	24.5	57.5	98.5	78.5	175.3	173.5	75.7	51.1	11.7	2.0	-4
5.0	5 . 2	15.7	45.3	75.6	97.4	99.9			99.9	83.8	73.2	10.0	4 .
4,	19.9	35.1	73.5	92.9		100.0			100.0	95.7	55.1	25.	74.
4 5 "	35.2	55.5	35.2	99.3	130.3					99.4	77.5	44.1	43.
₹: "	55.7	77.3	95.7	133.3			•	•	•	175.0	73.4	71.5	32
30 "		92.5	79.5		·	•	•	•			99.7	93.1	₹7.
2.5	-3.7	75.7	99.9			•		•		•	103.3	26.8	99
י כי	97.3	98.9	100.3			•	•	•		•		-9.4	99
15	99.3	99.3		•		•	•			•		173.5	173.
10 "	100.3	79.9	,	'	•	•		•	•	•	•	-	103.
5 "		100.0		'		•	•			•	•	**	100.
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**			•		+			•	•		•	**	
MEAN	37.3	4 27	AD O	EL A	64.6	77 4	77 2	72 2	67.4	54.7	B 5 . A	10 0	5.4
5 D	7.931	8.553	9.539	8.275	3.733	8.236	8.735	7.579	7.467	7.516	7.256	7.795	15.31
TOTAL OBS	961	875	991	960	992	00000	00133		10407		16520		77071

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DLUBAL CLIMATOLOGY BRANCH
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DAILY TEMPERATURES

52-33

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

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PURINIS

-	TEMP OF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OC1	NOV	DEC	ANNUAL
	70							•1.						•
	45						• 3	. • 9.	• 1	• 2				•
	5 3					. • 5.	3.7	. 11.3.	7 • 4	1.2				₹•:
	55					3.7	24.5	37.8.	33.1.	12.3.	2.7		-	7.
	50			1.1	. 3.3	. 13.5.	52.7	74.2.	53.3.	37.03.	12.0	2.2		22.
	¥ 5	1.7	2.1	5.0	12.3	44.3	73.4	92.3.	35.7	52.7	31.1	3.3	3.3	35.
	4.3	3.6	. 3.3.	15.3	30.4	57.4	04.4	78.7	97.4	93.3	50.3	24.5	12.3	49.
	35	24.7	23.4	37.5	55.8	. 88.7	77.2	133.3	79.7	75.3	75.9	53.2	33.7	55.
	7.3	33.7	33.0	45.3	55.5	73.4	27.7		103.0	79.1	32.7	53.5	41.5	71.
	3.3	47.5	43.9	53.1	32.1	73.1	100.0			77.7	93.5	76.4	55.7	33.6
	25	53.5	53.9	33.5	95.7	23.3		•		173.3		91.5	74.2	93.
	23 "	73.7	32.1	72.7	77.9	100.0		•	•		99.9	97.4	84.2	74
	15	37.7	73.4		177.3	4				•	100.0	99.7		97.1
	1)	73.3	73.5	99.1					•	•		173.3	95.9	₹.
	5	97.1	76.1	99.3	•				•				77.3	29.
	,	99.3		133.3					•	•	•		100.3	29.1
	- 5	77.3	79.5		,		'			•				29.
	-15 "		123.3	•	,									1~3.
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	-	•									•			
	-	- 3												
	MEAN "	27.4	27.5	31.7	35.9	43.7	47.5	52.6	51.5	46.4	42.1	34.6	29.6	39.
		13.144	3.312	8.155	5.341	5.735	5.383	5.534	5.553	5.597	7.687	7.373	9.233	11.71
	TOTAL OBS	951	875	991'	753	772	763	757	955	953	992	963	992	11565

USAFETAC FORM 0-21-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SUBBAL DIEMATOLOGY BRANCH USAFETAD AIR WEATHER SERVICE/MAC 135147 RAMSFELV AS SERMANY

DAILY TEMPERATURES

VEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAW

33 75 73		•	processors and the company										
	**					. 2	• 3						
70		•	. ,	•	• 1	. 7	4.3	. 3	• 1				•
	•	,			• 9	5.4	15.5	13.9	• 5			• -	2.
5.5				• 1	5.3	25.7	37.5	32.1	10.3	. 5	•		1.
5 0	**		٠ .	2.3	20.2	53.1	72.3	57.9	34.3	4.5	•		71.
5.5		• ?	1.3	13.3	45.7	32.9	95.5	24.3	55.5	15.9	2.1	• 3	74.
5.3	. 7	1.3	3.2	35.5	75.2	97.3	173.3	77.7	71.2	45.3	5.4	1.5	47.
4.5	5.5	13.5	32.1	57.5	93.7	77.7		173.3	93.7	72.5	27.5	13.1	54.
4 3	?1.2	27.1	53.1	35.0	99.3	111.0		•	133.3	22.3	54.1	27.1	72.
3.5	45.1	54.5	51.9	78.3	100.0			•		99.5	P.3.3	52.5	34.
3.2	59.4	76.3	92.7	173.3					•	100.0	04.3	75.1	92.
25	32.5	99.5	23.3								23.4	93.1	75.
23	92.1	73.7	99.5							•	99.9	95.2	7A.
15	75.5	75.7	133.3						•		173.3	99.0	29.
10	79.2	79.1						•	•			99.9	79.
5	99.3	79.3	•	,			•		•	,	•	173.0	130.
3	-	133.3	•		•				•				133.
-			•		•				•		•	-	
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	B 1500 3												
MEAN	32.5	34.5	43.5	46.5	54.1	53.2	63.5	62.3	57.2.	48.5	40.3.	34.5	47.
5 D	8.592	3.555	7.112	953	5.343	5.901	957	5.239	953	5.327	953	992	12.330

USAFETAC FORM 0-21-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

135143 HANSTEIN AB GERMANY

52-83

TEARS

AHOLE DEGREES FAHRENHEIT

MONT	н	JAN	FEB	MAR	APR	MAY	JUN	IUL	AUG	SEP	oct	NOV	DEC	ALL MONTHS
52			7	5.2	78	79	7 4	173	94	71	43	5.2	50	
53		44.	55.	73.	73.	3 7.	83.	95.	91.	35.	74.	53.	55	9 1
5.4		52	49	54	5.5	92	3 9	31	3 8	37	59	51	51	8 9
5 5		52.	53	73.	32.	21.	35.	93.	93.	79	57.	65.	53.	9;
5.5		5.1	4.1	5 5	59	9.7	77	95	36	77	77	= 1	50	9:
57		51.	51.	55.	72.	75.	93.	98.	35.	95.	71.	51.	52.	98
5:		52	54	54	57	4.3	9.3	8.5	9.8	3 4	5.5	54	52	5 !
53		.55.	51.	59.	79.	73.	84.	95.	36.	35.	74.	53.	54.	9 !
50		55	57	54	72	9 4	97	79	94	74	7 0	59	5.3	ŝ.
51	-	5 %.	55.	71.	2 7 .	75.	35.	89.	37.	35.	72.	54.	58.	8 9
52		5.2	43	5 5	79	75	82 *	27	9.1	9 7	77	59	50	9:
53		4 3.	42.	57.	68.	77.	79.	95.	35.	73.	55.	55.	. 45.	81
5+		42	57	5 5	74	33	91	95	99	94	70	58	5 3	9!
55	_	49.	41.	55.	67.	31.	35.	34.	32.	77.	53.	59.	55.	. <u>S</u>
5.5		5.5	59	5 5	59	91	97	8 2	91	92	79	5.5	52	9
57	_	55.	57.	53.	71.	85.	93.	72.	58.	31.	75.	62.	53.	9.
5 5		5 .	50	76	9.5	79	9.5	92	79	76	72	6.8	47	9
5 7	_	47.	_5 3 .	55.	72.	83.	81.	33#	68.	7 ŝ.	7.3.	62.	42.	8
73	-	47	49	5 5	76	74	96	95	9.8	76	72	51	E 2	51
71		51.	48.	55.	77.	9 2.	75.	89.	93.	82.	75.	57.	55.	9
72	-	5.5	57	59	73	73	34	8 7	84	75	69	56	5.3	8
73		46.	50.	71.	55.	8.2.	34.	37.	37.	37.	69.	57.	46.	6
74	-	5.3	55	73	75	9 7	2 2	8.5	96	80	51	63	5.5	91
75		5.5.	5.5.	57.	75.	7.8.	85.	39.	91.	82.	_ 52.	59.	46.	9.
75	•	50	59	54	75	87	98	78	37	77	71	5.5	48	91
77		51.	53.	58.	6.9.	72.	21.	97.	. 34.	83.	75.	64.	5.5	. 9.
7.5	•	40	59	54	58	77	9.4	9 9	34	73	78	5.3	5.5	8
79		39.	5.2.	53.	6.3.	37.	3.5.	87.	3.5.	31.	7.7.	54.	57	3.
33	•	46	54	51	75	72	91	85	9.8	79	64	59	48	88
31		4 b.	4.8:		72.	32	9.2	94.	35.	81.	65.	5.9.	42	اهٔ
MEAN	*	2 323 22												
5 D														
OTAL OS	*											***		

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SLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR JEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

TANANTHE EA WIETEMAS

52-33

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WHOLE DEGREES FAHRENHEIT

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							+	- 11				
												
8. 53.	5. 53	L. 5.	72.5.	93.3	B5.3.	88.9.	87.1.	.0.03	70.4.	59.3	52-1-	93.
3 6.63												3.59 1156
	3 6.63	3 6.638 6.2 1 875 9 NOTES + 6	3 5.638 6.249 4 1 875 991 NOTES * (BASE	3 6.638 6.249 4.799 1 875 991 960 NOTES + (BASED ON DIA)	3 6.638 6.249 4.799 4.163 1 875 991 960 992 NOTES • (BASED ON LESS TOLA)	3 6.638 6.289 4.799 4.163 4.787 5 1 875 991 960 992 960 NOTES * (BASED ON LESS THAN FUL DIA)	3 6.638 6.249 4.799 4.163 4.787 5.195 1 875 991 960 992 960 957 NOTES * (BASED ON LESS THAN FULL MON DIA)	3 6.638 6.289 4.799 4.163 4.787 5.195 3.754 4 1 875 991 960 992 960 957 965 NOTES • (BASED ON LESS THAN FULL MONTHS) DIA)	3 6.638 6.249 4.799 4.163 4.787 5.195 3.754 4.279 5 1 875 991 960 992 960 957 965 963 NOTES * (BASED ON LESS THAN FULL MONTHS) DIA)	3 6.638 6.249 4.799 4.163 4.787 5.195 3.758 4.279 5.956 1 875 991 960 992 960 957 965 963 992 NOTES + (BASED ON LESS THAN FULL MONTHS)	3 6.638 6.289 4.799 4.163 4.787 5.195 3.758 4.279 5.956 4.146 J 1 875 991 960 992 960 957 965 963 992 963 NOTES * (BASED ON LESS THAN FULL MONTHS) DIA)	3 6.638 6.249 4.799 4.163 4.787 5.195 3.754 4.279 5.956 4.146 4.550 4.550 975 991 960 992 960 997 965 992 960 960 992 960 960 992 960 960 992 960 960 992 960 960 992 960 960 960 992 960 960 960 992 960 960 960 960 960 960 960 960 960 960

SLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR WEATHER SERVICE/MAC

2

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

135143 RANSTEIN AS GERMANY

52-43

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC.	MONTHS
52		. *	23	24	29	35	3 8	43	31	25	23	13	
53 .	12.	-1.	23.	23.	26.	34.	42.	43.	32.	25.	24.	22.	7
54 55 .	1	1	24	23	3.1	43	43	43	35 32.	32	19	24	
55 .	13.	8. -9	12. 14	23. 22	31. 29	37. 37	= 43. 47	43. 38	32.	21. 31	17. 12	17	_
57	1	22.	19.	27.	2 ž	37.	45.	38.	32.	27.	25.	-	
54	ڪ. ع	15	7	19	33	39	42	41	37.	30	29	16 13	
5.9		13.	23.	23.	33.	37	45.	37.	31.	24.	27.	20	
2.7 . 50	. 9. -7	9	25	2.3.		43	37	44	31.	29.	21.	18	
51	_11.	23.	22.	37.	33.	43.	37.	43.	3 B.	25.	16.	7.	
52	13	11	15	28	27	31*	39	39	33	24	24	1	
53 .	-5	-8.	4.	24.	23.	42.	43.	35	32.	25.	27.	ŭ	_ :
54	ــِــــــــــــــــــــــــــــــــــ	12	14	27	35	39	41	35 35	33	24	25	12	_
55 .	19.	7.	5.	26.	29.	41	45.	39.	33	21.	15.	22	
55	17.	23	13	26	31	38	44	39.	32	24	17	20	7.7
57 .		11	22.	21.	25.	37.				23.	23.	14.	
55	ξ.	20	21	21	33	37.	43	41.	39	30	23.	5	-
	* 5						-	53.					
5 z	15.	5.	19	24.	33.	39#	42#		34.	32.	19		
7.5	19	4	12	24	32	35	39	4 0	32	24	23	8	
71	-2.	15.		_24.	37.	39.	39.	42.	33.	24.	15.	21.	-
72	6	5 17.	17	25	33	35	42	42	25	17	23	ê	
73 74	24	19	19. 23	24	33.	37. 37	45. 39	39.	33.	23.	10.	3+	
75	-	19.	19.	26	35	_		42	33	28	24	23	1
75	21.	17	13	23.	30. 30	33.	42	46.	35	28.	17.	B-	
77	3 21.	15	17.	23 23	32	37 39	39.	4 2	35.	24 33.	21 17	5 15	,
73	21	3	24	23	37	37	42	37	<u></u>				
77	1	17	21.	26.	23.	42.	37	37.	34	30 27.	23 21	12 27	
3)	9	21	21	28	33	42.	41	34	39	75	21	3	
31	1.2	12	27	23.		41	45.	39.	37	3 <u>2,</u>	1.0	7	
MEAN		- 16		- 63			12,	77,					
S D				+									
TOTAL OBS.											•		
					Ł.		-						

NOTES + (BASED ON LESS THAN FULL MONTHS)

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SLOBAL CLIMATOLOGY BRANCH JEAFETAC AIR WEATHER SERVICE/HAC

2

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

135143 RAMSTEIN AS SERMANY

52-33

YEARS

WHOLE DEGRELS FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ALL MONTHS
3 2 3 2	. 22	. 12	. 23	. 25 . 33	. 33	43 41		41 45	. 39 . 35.	. 34 27.	27 14.	19 12.	1
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		1				+				A resemble to the district of		and the format of the state of	
								-		•			
				1		•			•	-			*
								1					
MEAN													
	2.392	1100	17.6	3-230	30.8	38.2	3 253	43.3	34.4		4 010	-13-2+	3.
S D.					3 - 4 1 3		/ A 7 7 1:	/ A R V R	3455	345/3.	BAVIV.	/ - 1 / 5	6.75

SUBBAL SLIMATOLOGY BRANCH Staffetas Air Heather Service/Mag

PSYCHROMETRIC SUMMARY

1 35143 CAMSTEIN AS SERMANY
STATION HAME 3503-0200 HOURS (L. S. T.) PASE :

Temp.					-							ESSION								TOTAL		TOTAL	
(F)	0 1.	2 3-	4 5.	6	7 - 8									2 23 -	24 25 -	26	27 - 28	29 - 3	10 = 31	D.B./W.B.			Dew Pein
4/ 53		. 1	-	-			+												-	1	-		
72/ 51		9		• 1	. 1		,			i		1		i		- 1		ì		. Ic	10	2	
50/ 42		5	. 4	. 2	. 7	_				•	+	1	1	,				-	1	1	15	7	4
4-/ 47	1	1 1	-	2	• 3						1					1			1	2.5	2.5	8	7
45/ 45	1	9 2	.1 1		•					, -				1		_+		-		40		. 2	i 1
44/ 43	. 3 1				. 1										ı	4				4.5	45	37	
42/ 41		5 3	. 6	• 8 • 1						•	-			+				•	•	6	56	50	14
47/ 39	. 2 3	~ ?					1								1					L 2	62	63	
3 / 37	. 7 4						1			•		•	-	•	-	10			-	<u> </u>	3.0	7 8	
~ 3/ 35	.9 5																			39	8.7	9. 7.	51
34/ 33	1.3 5										+	•			-	-		1	+	55	3.9	111	- 8
-2/ 31	1.5 5	5 1	. 4																	74	7 3	97	91
75/ 27	1.0 7		• 3	-			-			•		,	•			-			•	2.2	3.2	95	1 11
23/ 27	1.2 4		. 3	İ																: 4	5.5	68	152
70/ 25	1.5 2		4					•		+		•	+	+				•		39	41	49	74
24/ 23	٥	D	. 2																	1 4	16	77	56
22/ 21		5	-		+		· -			!	•	+	•	•	-	-		+		1:	15	19	
20/ 10	1.5 1	4																		2.5	29	24	19
12/ 17	. 9 1		•	-			•	,			1		•	•						24	24	26	٤ 1
15/ 15	• 2										1					1				71	7	12	- 1
14/ 13	.7 1			-			1	+		1		1		1				•	+	15	16	16	2.5
12/ 11	• 3	5										1								6	3	5	10
13/ 7		C		-			•											•		1.0	10	11	15
€/ 7	• 35	2	1					1				†				1				5	7	7	9
5/ 5	• 5.			•	-		+	+			ü			•				-	†	£.	5	`	8
4/ 3								1			, a		1			1)
2/ 1					1		1	1			†					Ţ			•	+		-	ç
2/ -1		į	Ì		!			1					1			1		1					1
TAL	14.957	923	2 3.	. D	• 9		+				<u> </u>		-	1		-			1	l	126		925
				1										1				1	1	525	. •	975	. •
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Element (X)	2 x1		+	Z,	X	T	1	-	•,	L.,	No. Ol	8.		Щ.	<u> </u>		Meen I	No. of I	Hours with	Temperate	ure		
Rel. Hum.	53	0512	20		758	54			9.4		9	25	10	F	1 32 1		2 67	F	■ 73 F	≥ 80 F	■ 93 F	T	erel
Dry Bulb		142			309	3 8			9.2		9	28			39	. 4							93
Wet Bulb	3	9362	2 3		292	15	31	• 6	8.5	73	9	25			46	. 7				Ĭ			93
Dew Point		1835			262				8.9			25		. 1	61						-		93

USAFETAC FORM 0.26-5 (OLA) REVISED INTEVIOUS EBITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH DEAFETAC AIP AEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 "5140 STATION A 4STELV A 3 SERMENV J 3 N 74-33 1300-0500

												HOURS IL	. 5. T.)
Temp.					E DEPRESSION					TOTAL		TOTAL	
(F)		-6 7-8 9-1	0 11 - 12	13 - 14 15 - 1	6 17 - 18 19 - 20	21 - 22 23 -	24 25 - 26 2	7 - 28 29	- 30 = 31	D.8./W.8. D	y Bulb	Wet Bulb	Dew P
4/53	• 1	1								1	1		
. 27 51	• 5				1					5,	5;	<u> </u>	
5.1 45	•1 •1	• ž								اد.	3	5	
45/ 47	1.5	• 2		 						7.5	25	8	
45/ 45	2.5 3.0	•1 •3							5	5	r =	1	1
14/ 43	•3 1•4 1•3	• 1								34	34	4 8	1
11/ 41	.1 3.5 4.9	• 3								1		32	2
477 33	.3 4.1 2.5	• 4								5	(, 7		- 4
3-1 37	•4 2.8 3.5	• 1								4	54	75	3
15/ 35	·6 5.7 3.1	•?							+	9	99	7.0	
70/ 33	.6 6.7 2.0									3	38	131	
21/ 31	. 2 5.7 .7					+				£. ·	63	1'73	7
70/ 23	.4 7.2 .3									" 4	74	97	10
75/ 25	2.3 5.2 .3					+				12	73	59	13
25/ 25	.5 3.5 .7									4	4 11	45	6
13/ 21	2 1.5 .1		-		+					47	<u> </u>	3.9	
7.7 19	1.5 1.3									1	11	201	4
1 1 17	.5 1.9					-		-		1	21	11.	- 2
1:/ 15	•1 1•4						1		i	Ž	2.2	36	1
19/ 13	1.4		+		-+					14	1 7	14	1
1./ 11	4 1 .7						1			1	1.7	از 1	2
11/ 3	1 3 7					• •				17	17	17	- 1
1 1	2 2								1	A 4	d ti	7	i
1/5	• 3 • 2			+	++	+	++		+	+	E.,	5	
4/ 3	. 2										3	2	
7 1				· · · · · · · · · · · · · · · · · · ·	+ + +	-						3	
/ -1													
	12.161.224.7 1	. 5 4.	-	-	+ +	•		+ -	+	· · · ·	131		9.7
							-	i	1	927	2	927	- 4
			+		+	 			- +	+			
	4		1			1	9	i					
	1				1	1							
												1	
Element (X)	Z x 2	2 x	X	· ·	No. Obs.	•		Mean No. 6	d Hours wi	h Temperatur	•		
Rel. Hum.	5346148	76233	92.2	9. 72	927	10F	s 32 F	= 67 F	≥ 73 F	- 80 F	+ 93 F	T	etal
Dry Bulb	1082396	30500	32.5	9.432	930		47.6						E
Wet Bulb	955529	23779	31.0	9.822	927		43.3						9
Dew Point	801055	25835		9.355	927	•5	64.2						9

I USAFETAC FORM 0.26-5 (OLA) RIVIND MEVIOUS REPIDUAS OF THIS FORM AND OMNOSTRE

SELBAL CLIMATOLOSY HANCH JRAFETAC APA WEATHOM SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 : 143	AMSTER AS SER ANY	74-83 YEARS		JAN HTHOM
3741104	STATISTICS AND L	·•••	2165 I	2630-0633

Temp.			WET BU! B	TEMPERATUS	E DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1.2 3.4	5 - 6 7 - 8	4 10 11 12	12 14 15	4 17 10 10 2	0 21 22 23	24.25.26	27 28 26	20 - 31				Daw Pa
2/ 51	1.2 3.4	3.0 /.0	9 - 10 11 - 12	13 - 14 13 - 1	16 17 - 18 19 - 2	0 21 - 22 23	. 24 23 . 26	27 - 26 21	- 30 - 31	,	21		
3/ 4.	• 51 • 1		1									2	
2 / 47	3 1	- 3						+		+ - 2	32	5	
11/ 45	1 2 8 1 9				1	12				5		~ 7	ì
44/ 43		5 3 1			· · · · · · · · · · · · · · · · · · ·			 	-	4.,		49	Į.
91/ 41	2.7 4.5									4	74	3	5
4./ 33	.4 4.5 3.									7.4		u S	3
3 ./ 37	1.0 3.1 ?.	. 1								4	64	06	
35/ 35	.4 5.7 2.5							+		3		7 c	6
74/ 33	1.1 5.0 3.7)								- 3	43	1 78	3.
11/ 31	1.0 5.1 1.0	1				-				4	54	111	7:
331 29	.5 7.6 .7								I	7.	7.4	₽ 5 .	9
24/ 27	2.7 5.8 .1					-	***************************************		•		5.3	3.3	14
2:/ 25	.3 3.1									* c	37	34	6
24/ 27	.5 1.7				•					1	3.1	34	5
~2/ 21	1.1 .5									1.	15	22	3
23/ 19	1.5 1.5									2 %	2.0	1 7	2
11/ 17	•1 2•1										20	`3	1
15/ 15	•1 1.5									J - ,	15	16	2 9
1-/ 13	• 6				31	-				5	4.	5	1
12/ 11	• • • • •	1		1						1.1	. 1	Ì	
11/ 9	1.2 .3	 			+					1 =		1.5	2.
17	. 5	1				1					5	5	
4/ 5	• 5 • 1	+				+	+	+			· · · · · · · · · · · · · · · · · · ·	11,	1
	• 1								f .			4	
$-\frac{1}{1}$	• 1	++		 	+	+				- 4	- 1	- 2	
-6/ -3		1											
-4/ -5		+ + + +			+					+			
-	15.063.422.5	1.7 4							;		130		CZ
01.0	1 -003-422-3	101				-				526	2.3	9?6	741
		· ·								7 2 6		7:0	
					+	+ +-		 -		+	-		
										1 1			
Element (X)	Zx'	Zx	X	7,	No. Obs.			Meen No.	of Hours wit	h Temperat	ure .		
Rel. Hum.	5340052			9.354	926	10F	± 32 F	± 67 F	≥ 73 F	→ 80 F	≥ 93 F	7	erel
Dry Bulb	1375391			9.587	930		41.3					1	ç
Wet Bulb	961387			9.011	926		49.1			1			7
Dew Point	795665			9.605	925	1.1	64.0		 	+	+	-+	Ť.

USAFETAC FORM 0.26-5 (OL.A) REVISED MENOUS EDITIONS OF THIS FORM ARE ORNOUTER

DEDBAL CLIMATOLOGY BRANCH UPAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1) : 143 STATION	CAMSITIN AS GERMANY STATION NAME	74-33	YEARS	MONTH
			28 E 1	<u> </u>

- C.

Temp.		WI	T BULB 1	EMPERATI	RE DEPRESSI	ON (F)				TOTAL		TOTAL	
(F)	0 1 2 3 4 5	6 7 - 8 9 - 1					. 24 25 . 24	27 . 28 29	. 30 × 31	D.B./W.B.			Dew Pair
2/ 51	1				1, , ,					,	7	1	
53/ 42			i -								4	_ 4	1
3 / 47	. 1 . 7	•1 •1	-i•					•	+		-	1	1
45/ 45	.1 3.5 .1	. 3 . 2'								5.7	57	35	1
44/ 43	.3 ?.4 ?.3	.: .7		•				•		4	54	35	
10/ 41	.3 2.9 4.1	• 3					1			1.6	7	51.	4)
4:131	•1 4.º 7.5					-		*		1 3	7.5	49	4.2
3.7.37	.9 3.5 1.6	• 1								56	<u>5 '</u>	36	3 6
1./ 35	.4 5.4 3.6									7	7	£ 3	56
14/ 33	1.2 6.3 3.5		- +						-	1 1	101	55	9 ن
32/ 31	1.7 4.4 1.7									5	6.5	132	74
70/ 27	•5 5•2 •2									. 5	55	78	9:
2 / 27	3 . 2 4 . 4 . 5				-					7 %	8.7	7	133
<u> </u>	2.11.				,						25	34	74
20/ 23	•6 2•3									21	27	₹ 7	5 4
. 27 21	1. 1.1.2									1	21	25	
7./ 1	1.3 1.2									2 .	2.3	2.5	. f.
1 / 1/	.4 1.5							•		<u> </u>	12	31.	1 :
15/ 15	1.5									1 5	15	14	3 U
14/ 13	•1 •5									· · · · · · ·	5		1.
1:/ 11	• . • 3									_	1 ~	- 52	2 3
1 7	1.2 .4									15	1	13	22
37 5	4 3									· ·	7	4	
3/ 3	- 4									+ 	Ł,	<u>8</u> 6	ς,
. / i	2										5	,	
1/ -1					+					· · · · · ·			
-1/-3													•
-4/ -5			+							•			i
	1 .556. [25.] 1	.9' .5 .	1										974
			******	10		-	•			524		924	•
-			• •						12				
			8 3					i					
Element (X)	Σχ'	ZX	X	• .	No. Obs.			Meen Ne.	of Hours wit	h Temperet	ure		
Rel. Hum.	6293623	75681	81.9	9.591	924	± 0 F	⊴ 32 F	≥ 67 F	a 73 F	■ 80 F	≥ 93 F	T	otal
Dry Bulb	1101621	30733	33.	9.515	930		39.7						., 1
Wet Bulb	980011	28923	31.3	3.994	924		48.8				1		5.3
Dew Point	809524	2588R	.28.0	9.552	924	1.5	62.5						93

USAFETAC PORM 0.26-5 (OLA) REVISED REVIOUS EBRIDORS OF THIS FORM ARE OBLIGHTE

PAUPAL CLIMATOLOGY REAVON BEAFETAC ALA WEATHER SERVICE MAC

PSYCHROMETRIC SUMMARY

6

4

RAMSTEIN AS SERMANY St. BC WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 5.1 55 • 1 .4/ 55 - -. 1 13 • 2 1 34 ر. ان ر 47 •1 1·2 1.2 •) • 2 7.5 2.7 1 45 27 4 7 1.8 2.5 1.2 53 £ 1. 45 3-1 .3 3.0 4.3 1.4 .1 4.4 7.1 .2 1,1 + = / 41 -1 7.5 74 5 â . 9 3.9 4.0 37 35 .5 5.4 F.3 5) 111 111 33 134 31 57 5 7 36 71 1.3 5.7 1.1 77 7 2 68 27 54 63 148 •6 2•5 •6 1•3 27 7. 35 23 ?] 5 1 25 24 13 • 3 12 = : 1 11/17 .1 1.1 10/ 15 1 . 1 12 10 1#/ 13 • 2 1./ 11 14 2 . 2 .1 . / 41 1/ 1 - 45 2 . 233 . 4 . 7 . 9 . 1 927 9:7 Element (X) Z z, Σχ I •4 No. Obs. Meen No. of Hours with Temperature 5957774 927 930 73697 79.510.389 : 32 F Rel. Hum. 1 0 F . 10 F + 93 F 1258336 33272 35.8 8.534 23.9 97 Dry Bulb Wet Bulb 1133593 31089 33.5 7.911 927 37.2 η. 29.8 8.545 804396 Dew Point 27666 927

and the second

BEVISED PREVIOUS EDITIONS OF THIS PORM ARE ORSOLD

NORM 0.26-5 (OLA)

USAFETAC FOR 0.26

USAFETAC NOBI 0.26.5 (O.L.A.) REVIEW MENDUS FORTIONS OF THIS FORM ANY ORSULLER

LIPAL DEIMAIDEDEY BRANCH I AFETAC A, H WEATHER SERVICEMMAC

PSYCHROMETRIC SUMMARY

4

1 143 AMSTEIN AS STRUANT STATION NAME MO- H 15/0-17 () HOURS (L. S. Y.) 78 1 1

Total Tota	Temp.						RE DEPRESSI					TOTAL		TOTAL	
1	(F)	0 1-2 3	3 - 4 5 - 6	7 . 8 9 .	10 11 - 12	13 - 14 15 -	16 17 - 18 19 -	20 21 - 22 2	23 - 24 25 - 2	6 27 - 28 29	- 30 - 31	D.S. W.S. D	ry Bulb	Wet Buit D	w Po
1			•1 •1		• 1 • 2							5			
5. / 42		• 4		• 1	• 1							1.	21	3.	
	12/ 51	• 1	• 3 • 4									13	1.3	4	
42 / 45	5. / 47	• 5	1:									?		7	
### 43	4-1 47	1.	1.2 .3	• ₹								7	3 4	24	
1				·										40	34
1		1 • 4	3.7 3.2	• "								-	59	5 3	
1		. ? • 7.	7.3 2.7						-				2	· 5.	4 :
17 18 18 18 18 18 18 18		€ €	7.9 1.									Γ_{ij}	155	50	4:
2		1.4 3.5	4.5 .1									3.	3	112	2
1		5 • 3	4.1 .1									• !	1	170	7 °
1		. 4 4	4 . 5 3									. 4.	3	1 79	£ 7
		1.3	7.1 .2									. 3	_ T	69	6
		3.9	1.2					, .				4 .	4 7.	A C.	3.5
		1.4 3.6	1 • 1										- }	2	139
		•5, 1.5	• 4			E .							1 4	• 2.	7 :
	17 - 5	1.3	•									2.3	1 1	17	1 4
		•3.1•1	• 1			-			- •			11	14	7	
		1 • 7	• 1									1	1 7	1 >	
1	/ 17	1.						n where v super	-		-		,	1	1
1	1 / 11														1
		• 1	-									• •	1	1	13
		• 7												1	1
11:1 4.445.637.713.7 1.6 .; .3 275. 9 Itement (X)			-			- •								4.	<u> </u>
18 L 4 4 5 6 37 6 12 6 7 2 6 7 9 9	-/-														
Element (X)															
Element (X)	. I at	4.445.03	7.910.7	1.6	3										!
Ref. Hum. 5555763 72973 76.611.177 926 ±0F ±32F =67F =73F +80F +93F			•					. +				. ³ . 5.		9 2	
let. Hum. 5555763 70973 76.611.177 926 ±0F ±32F =67F =73F +80F +93F															
let. Hum. 5555763 72973 76.611.177 926 ±0F ±32F =67F =73F +80F +93F							حالها بالباحات	17							
let. Hum. 5555763 72973 76.611.177 926 ±0F ±32F =67F =73F +80F +93F															
let. Hum. 5555763 72973 76.611.177 926 ±0F ±32F =67F =73F +80F +93F		•						-							
let. Hum. 5555763 72973 76.611.177 926 ±0F ±32F =67F =73F +80F +93F															
Ref. Hum. 5555763 72973 76.611.177 926 ±0F ±32F =67F =73F +80F +93F	Ilonant (X)	2.,	-	2.		•	No. Ohe	· ·		Heen No.	of Hours =1	& Temperatur	•		
				+	+			105	• 17 B					Ter	•1
Dry Bulb 1355-14 34744 37.4 7.956 937 22.2				34744			937		_			+		+	7
Her Bulb 1153568 72132 34.7 7.452 926 31.2			1					+			+	+	-	+	, -

Element (X)	2 x'	2 1	<u> </u>	•,	No. Obs.		-	Meen No.	of Hours wid	A Temperati		
Rel. Hum.	5555763	72973	76.t	11.177	926	10F	± 32 F	≠ 67 F	+ 73 F	- 80 F	• 93 F	Total
Dry Bulb	1355-14	34744	37.4	7.956	937	1	22.2					. ?
Wet Bulb	1153568	32102	34.7	7 7.452	926		31.2					3.3
Dew Point	921925	28167	33.4	8.392	925		54.5	7				9.3

SELPAE DETMATCHOST REATON DISELTAC ATT WESTITE SERVICE/MAC

PSYCHROMETRIC SUMMARY

4

1 .147 - 4457514 An GERMANY 74-85

STATION STATION HAME VEARS MONTH

01.7 1 10.02-2.200 Hours II. S. T.

- 120

																				HOURS (L. 5. T.
Temp.								EMPERAT										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 4	7 - 6	9 - 10	1 - 12	i3 - 14 ₁ 15	- 16 17	- 10 19 -	20 21	22 23	- 24 25	26 27	- 28 29	- 30	• 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dem Po
1 53		• •	• 1	• 1					İ						,			i	7	د.	
1./		. • .	• 1	. • ì.			•				•									. 1	
4 / 47		• .	• ,	•	• 1													1	1 "	i	
4 / 47		-1-4	1 • 4		7							-	- •		•	-	-	. 7		9 	
4/4	• 1	2.	7		. 1														5 /	43	i i
. / 01		· ₹ .	3 0					•	٠	•			-	•		•	-			10	
. / =		u -	4.4		•															+ 2	
1 37	1.	3.5	7 . 7	•		•					•				•	•			1	, 2	
1 32	• 1	. 7	3.3			Ι.	_				_							. 150	<u>. 1</u> .7	1 3	7
1-1 34	• >		3 • 1															4		172	l
	•	. ? .	1.4													-		4	4 .	3.9	
1 27	, ,	•	• :																7 +	71	ÿ h
5 / 26	l · l	1.6			•						•							**	71	7 <u>5.</u>	133
1/2	•	1.5	. 4																1 -		ο.
77 21	1.)		• 1		•	•	•	٠	•		*	•						:	1 -		
11.		1.																1	1.	17	. 1
1 / 17		1.		•		·	•	•	•			•	·			·				15	. 1
1 / 15	• 4															•					1_4
14/ 13 1/ 11	,	3																		11	
, , 1.	• 1					-	-		- •		•	-	•				- •	. [-	-	. 3	+
, ,	• •	• •																		-	٠,
1			•		•	•	•	•		•	•	٠		•		•					
11 3.																					
11.7	. ' • •	5	31.1	4.2	. 1		• :														
													a.	. =				7. 7		· 7.	
			•	•	•	•	•	- •	•			•			•	• •					
•			٠				•	•	•		•			•	• retern	- +-	- •		•	•	
Element (X)		Z X'		1	X		X .	•,	+	o. Obs.	-							Tempere	190		
Tel. Hum	-		5449		7573			7.921		937	2	0 F	: 32		67 F	• 73	F	• 80 F	+ 93 1	=	etel .
Dry Bulb Wer Bulb			5477 592?		3090			7.605		927	-		30 38							•	4 7 2 7
Dew Point			7359		2747			8.275		927			59						+	+	93 93
									-					- 1							

ILURAL CLIMATOLOGY BRANCH UTAFETAC ATH ASATHEM SERVICEZMAC

PSYCHROMETRIC SUMMARY

STATION	34816	IV As		A V Y	.		—	74-5	<u> </u>			YEARS				_	MON!	TH.
															- 4 JF	:	PITE HOURS (L.	231
Temp.								DEPRESSI						-	TOTAL	•	TOTAL	
(F)	0 1 - 2	3 - 4 5	-6 7-	8 9-1	0 11 - 12	13 - 14 -1	15 - 16	17 - 18 19	- 20 21	. 22 23 .	24 25 - 2	6 27 - 28	29 - 30	• 31	D.B. W.B. D.	y Bulb	Wer Bulb C	Dew P
4/ 53	•	• ?	• 1	•											140	•		
. / *1.	. • ^u .	• 4.					-2 .						•	. =		: :	4	
./ 4	• [. • .													7	•	7	
1 47		1.	• •	-		-		· · · · · · · · · · · · · · · · · · ·				-	•	4 -n -		- 2	7	
:/ 4,		* * * 1	1 • 1												?	0	7	
4/ 47		•	• ?	,					-				•		. 3	5.7	33	
/ 3:	• 1	7 .)		• '											,		5.1	
1 37	1		• 1,				•		*	*	•	•		•			57	
1 25	1 6.9	7.7														15	ن ہے ع	
./ 73	5 5 1	2	•		•			• -	+				•	•	4	14	115	
1/ 31	1.1 3.5																84	
1 2.	1 4	. 4	•		•	•	•		- +	•	•	-	•	•	1	Ų į	100	
1 77	2.3	. 1													W	7.1	. 3 3	1
1 25	1.3 2.4	• 1		•			•	•	•		•		•	•	* * '	3.7	4 ;	
17 27	. 5 1.5	• 5) t		75	
1/ 11	1.7 1.7		٠,							•	•				3	23	25	
/ 1/	1.2														1	1 ,	23	
/ 17	• 3 1 • 3	•				•			·	-					1.	1 0	1 4	
/ 15	• 3. • 9.						<u>-</u>									11	14	
·/ 13	1.1														:	1.	1.3	
/ 11	• 1								- •								7	
'	•1															;	7	
/ /	. • .																4.	
., .																	L.	
, .			٠	•			•	•	٠		٠						•	
<i>,</i> -:																		
13.	12.154.92	3 . 5 . 7	7 . 7	. ;				•			• • -					٠	•	-
-			• • •	- '											: ~ 7		9.7	,
		•	•	•	•	•	•		•		•					= =		
		•	•				-	-		- •	•				•	•	•	
ement (X)	2 g'_		2 x		1	•,		No. Obs.	1			Meen N	le. el He	urs wit	Temperature			
I. Hum.	2271	459	_	5451		9.31		927	1	10F	: 32 F	. 47	-	73 F	- 90 F	• 93 F	Te	etal
y Bulb	1144			573	34.	3.79		93			3 • 1							
a Bulb	: 314	1025		717	32.1			927			45							
- Point	333	597	26	129	28.7	8.51	1	927		. 1	61.							

SLUCAL CLIMATOLOGY SHANCH USASETAC ASS WEATHER SERVICLIMAC 17-147 PAMSIFIN AS SERVANY

PSYCHROMETRIC SUMMARY

STATION			STATION NAME					YE	ARS				MOR	
											-		HOURS	1
Temp.			,	ET BULB	TEMPERATU	RE DEPRESSI	DN (F)				TOTAL		TOTAL	-
(F)	0 1 - 2	3 - 4 5	-6 7-8 9-	10 11 - 12	13 - 14 -15 -	16 17 - 18 19	20 21 - 22 2	3 - 24 25 - 26	27 - 28 29	- 30 - 31	D.B. W.B.	Dry Bulb	Wet Bulb	1
3 / 55		•	• .7									4		Ī
4/ 55		• 1	• 1 . • 1	• ' • -							- 1	4.1	13	
2/ c:		ti ti	• 1	• "		•		_	•	•	3	, -	15	
~/ 43	• 1.	• 5	•1 •1	• '							C	3 &	49	,
7 / 47	1 . 7	1.	• 3 • ?								2:	225	- 6	,
4.7 4	.1 3.1	7.7	• 4 • 1								4 7	463	297	
44/ 45	• Î.5	, , ,	• 7 • 3	•				- •			431	۾ ل پ	350	Ī
1 / 41	•1 7 • ?	4.1 1	. 1 . 1								. 4 3	542	412	
4 / 32	4 . 5	3.3	• 3	•	•	• •					1	51	4 = 6	
1.1 37	1.3 7.5	3.4	• 1								5 5		571	
1 35	.4 4.5	3.4	• 1								144	764	695	,
74/ 37	• • • • ?	3.	• 1								5 ' 4	: 76	900	j
/ 21		1.5	• 3	•					•	*	47	47-	771	
1 : .	.1 5.5										£	372	644	
1 27	1.9 5.0	• 5		*							c u	515	574	
. 25	. 2.4										25.	264	324	
4/ 25	. 1.	₹.		•	•						47	17:	217	,
27 21	7	• !									1 1	131	140	
111	1. 1.?	• ~		•		•			•	•	1	1:	140	
1 / 17	.3 1.4										. 1 -	11 =	102	
1 / 15	.1 1.	Ī		•	•	•				•	1	1	29	
14/14	•1 • 2									41.5		C C	75	
1.7 11	5				-		• •			•	r .		47	_
1 / 3	• 7 • 5										. 4	7.4	69	
/ 7	. 1		,		•					-	À	. 1	76	
37 S	• • 1										· · ·	يه ني	~ è.	
•/	• 1	1	,								= 1	11	14	ĺ
1 1.	•											,	4,	
/ -!										-				
- / -3			- • •											
-+/														
T 1. T & L	11.155.0	23.3	• 4 • 7	• 1							. 74:7	7438		
											7427		7410	
Element (X)	2 %		2 1	Ī	•,	No. Obe.			Meen No.	of Hours wi	th Temperatu	10		-
Rel. Hum.	4895		597759	80.7	96900	7439	2 0 F	: 32 F	+ 47 F	+ 73 F	• 80 F	• 93 F		T
Dry Bulb		7904	255192		9) 075	7433		281.3						_
Wet Bulb		9258	239372		8.423	7439		344.2			1			_
Dew Point	675	2371	213535	28.8	8.985	7439	3.	6 485.9			1			

2 3

(OF 4) 0 26 5

1 4147

MARKET EN METTEMENY

SUBSAL SEIMATOLOGY BRANCH SPAFTES PSYCHROMETRIC SUMMARY SERVICE SERVICE /MAC

120

<u> 1885-8223</u> HOURS (C. S. T.) TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 23 - 26 | 27 - 28 | 29 - 30 | 0 | 31 | D.B. W.B. Dry Bulb Wer Bulb De= Point • i 5 / 4 • 0 / 47 3 -/ 45 16. 17 141 4 3 11 1 41 1 / 7 6 3 4 . 3 2.A 1 37 . 5 4 . 1.4 -.7 . / 35 130 14/ 13 • 2 4 9 7 7 1 1 12 113 1 25 1.3 5.6 1. 74 71 71 2.5 3.7 3.1 144 1 17 9 ¢ 2.5 7.1 1.1.1.2 . / 92 17 61 1.3 3.1 77 4. 3. 21 . 5 1 . 4 . 4 1 1 ı 1.7 \bullet ², $1 \bullet 1$ 11 44 1 а. • 4 1-1-17 • 1. 1 / 11 1 3 Z Element (X) * No. Obs. Mean No. of Hours with Temperature 56: 754 +55251 56772 91.31~.715 32.6 7.143 946 1 32 F 42. 846 Dry Bulb 31.1 6.901 27.6 7.920 51.° 59.7 354357 945 u 595655 23317 346 34

PSYCHROMETRIC SUMMARY

1

1 1 1 AMSTEIN AB SERMANY YEARS STATION STATION NAME 3305-5505 HOURS (L. S. T.) 2155 WET BULB TEMPERATURE DEPRESSION (*) TOTAL TOTAL 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 w 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) 3/ 4+ 1 4 - , 14/ 43 1 • 1 41 30 . <u>5</u> F 7 7 : 19 7 3 . 5 45 11 114 ÷ 6 72 1 4 27 145 175 111 25 3. 44 7 4 2 . 77 5 7] 64 1.7 1 35 1.2 1 17 5 5 . 5 13 1 1 5 ; 1 : 4 1 / 11 . 7 11 1 -1 2 2 Element (X) Mean No. of Hours with Temperature 41.513.132 31.4 7.465 33.2 7.513 5741677 910343 1 0 F 945 2 32 F 25951 45.5 Dry Bulb 317599 25527 546 Wer Bulb 55.3 2.4

846

3

22647

657563

25.6 8.518

POSE O 26 \$ (OLA) RELIE MELLINS ERRIGHS OF THIS AM 64

ARE COLLEGE TO

USAFETAC TO 0 26 5

USAFETAC NOW 0.26 5 (OL. A)

SCHRAL SCHHAFDLOST SHANCH ALMEETAG WIN WENTHON SERVICEZHAG

PSYCHROMETRIC SUMMARY

Temp						T BULB											TOT			TOTAL	
(F)	0 1	2 3 - 4	5 - 6	7 - 8	9 - 10	9 11 - 12	13 - 1	4 15 -	16 17 -	18 19 -	20 - 21	. 22 23	- 24 25 -	26 27	28 29	- 30 · - 3	1 D.B.	W.B. D.	y Bulb W	et Buib D	ew Pain
_/ 51	• 1						•											_	7	1	1
1 / 47		1																,	_	3.	- = -
1 / 45	• •		•	•	•	•	•	•	•		•	•	•		•	•	•	J		13	į.
-4/ 45	î.	. 4 1 .																3 .	34	2 4.	H
77/41	4 1			•-	-	•	+	•	-	***************************************		-		_			-	4	40	- 2	3 0
1 / 2-	. 5 ?		,																7 -	42	33
7 1 77	. 7 3.	. 7 1				•	•	-	•		•	•	•	•	٠	•		4 .	4)	36	7 6
1 15	. 4 4	5 .	2															L.	1.6	35.	4 9
1 1 33	. 5	2 7	•	i			•		•	•	•	•	•	•	*	•	•	2	: 5	71	., 7
1 71	1. 4	.! 1.1	1															-	6.4	175	_ <u>5</u> _
1 2	4 5	5 1.			-		•		•	•	-	•	•	•	•	•		3	7 7	79	47
1 77	3. 5.	5 7 .:	•														1	ā	1.17	20	1.7
1 75	1.1 3.	5		•	•	*	•	•		•		•	•		•	•		4	4.7	49	71
1/ 27	.1 2	а	,																; ,	45	5.
. / 21		,	•	•	•			•	•		•					•		. 1	+1	37	57
/ 1		4 .1																1	. 7	45	53
1 / 17	. 1			•			•	•			•	•		*				1 .	10	77	3.
1.7 15	• 2 2																	i.	1 3	23	4 5
1-/ 13		ς.	•			٠		•	•	-		•	•	•	•	•		-	u.		41
1 / 11	- 1																	1	1	1	
1/			•	•	•	•	•	+			-	•	•	•	•	-	-	1	,	-	1?
1 7																		•	,	•	٠,
,		. 1	•		•		•	•	-		•	-		•				1	1	4	
, .																		,		1	
,	•	•	•	•		•	•	٠	•	•	•	-	•	•	• -	•	•	•		•	
/ -:																					
112	13-52	4.22			•	•		٠	•	•	•	•	•	•	•	•	•		4 ;	•	446
• •			•															. .	,	316	11 🕶 19
	•	•	•		•	•	+-	•	-+	•	+			•	•	•		→ 5.	•	1	
	•	•	•	•	٠	•		•		•	- +	-	•			•	•				-
	•	•	•	• •			•	•	•		•				-	•	-			•	
																10					
Element (X)	Z g'		11	ZX		I	•	i	No.	Obs.		•	•	Me	n No.	of Hours =	ith Tom		,		
Rel Hum	5.7	149261		692	253	31.9	9.	745		345		0 F	1 32 F		67 F	■ 73 F		P	+ 93 F	T.	101
Dry Bulb		171557		265	84	31.4				545			46.	2					-	1	4
Wer Bulb	3	33511		251	77	29.5	7.5	317		845			55.	, 3						-	4
Dew Point	-	54808		223	224	26.4		1 7		845	1	. 3	62.				_			·	54

Element (X)	Z X'	Z X	X	**	No. Obs.			Meen No. (d Hours will	h Temperatu	**	
Rel Hum	5749261	69253	31.9	9.745	345	2 0 F	1 32 F	e 67 F	+ 73 F	- 80 F	→ 93 F	Total
Dry Bulb	87155?	26584	31.4	8.155	545		46.2					
Wet Bulb	333311	25177	29.5	7.517	845		55.9				1	
Dew Point	554908	22326	26.4	8.313	845	. 3	62.7					34

L USAFETAC FORM 0.26.5 (OL.A) BETACHET SPIROT OF THIS REMARK CALLETTE

SULPAR CLIMATOLOSY BRANCH ICARTIAC ATRINEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

STATION	SEASTEIN AB CERMANY STATION NAME						7 4 - 5 3 YEARS								MOI	<u> </u>	
													٧ د	(r i		.1993-1100	
Temp.				W	ET BUL	B TEMPER	ATURE	DEPRESSIO	ON (F)					TOTAL		TOTAL	
(F)	0 1	.2 3.4	5 - 6					17 - 18 19 -		22 23	24 25 - 26	27 - 26	29 - 30 -				Dew Pe
41 53	•	•	• 1	1								,	•		1 1		
1/ 51	• 4			- •					-•						3	3	
/ 4 ;		• 1	• 1												4	1	
47/47		4		• 1								•			<u> </u>	1	
45/ 45 34/ 43		5 1.5													3 43		
427 41		2.4 2.4 4.4 1.5		-							• • •	•			4 ti 4		
1 / 34		6 -												•			
1 17		2.7 2.1			٠			• •	•		•	•	-		4 4		
14/ 15															5 * 9	_	
14/ 33	. 7	5.7 4.7	• 1	•	•	••		• - •	-	•	•				1 + 1		
. / 31	• C 1	1.1 1.5	• 1											. 5	: : : : :	112	3
· · · · · · · · · · · · · · · · · · ·	• 5		• 5		-				•		•		•	- 1	7 .1	04	5
-/ 27	-	7 7 4												. 1			
* / 25		1.1												ų			_
•/ 23		2•7. •1.													2 6		y
27 21		2.1												2	. 25		5
1 / 17	. 9 1	1.17							•						$\frac{1}{2}$	$\frac{27}{1}$	3
1:/ 15	•	. 9													7 7	-	3
14/ 13	•	Y		•	•					•	+				-		:
1 / 11	- 1														1 1	2	1
1 7	•			•	•	•			-	• -	•		-	-	-		
. / 7		• 1													1	. 4.	
J/ 5°	•	•	•	•	•		,	•	•	•		• •	•	•	•		
1/ 3.		• 1.		•											1. !		
_/ 1																ì	
-/ -1.				20 . E							•			. =	+		
- / -3																	
-4/ -5.	2.50.	.624.5	5.3	• 2	•-		-			•		•			4		84
		•024•		• •										. 4		940	
	•						- •			- • -		•				. , , ,	
Element (X)	2,		2		1	1 .	T	No. Obs.	1			Mean He	. of Hours	with Tempe	*****		
Rel. Hum.		574715		56350	83.	710.32	21	746	1 1	0 6	1 32 F	± 67 P	• 73	P . 80	• • • • • • • • • • • • • • • • • • • •	F T	****
Dry Bulb		755554		27713		3 7.47		945			41.5						31
Wet Bulb		352351		26149		9 7.22		346			52.0						5
Dew Point		591366		23128	27.	3 8.36	4	946		• 3	59.5		i	1	4		8 -

USAFETAC FORM 0 26 5 (OL.A) PRINTER BRITCHS OF THIS KAM ANT ORDER OF

JERRAL CLIMATOLOGY BRANCH JERRATHER SERVICEZHAG

PSYCHROMETRIC SUMMARY

1 '51+7 PANSTILV AS GERMANT FEB 74-33 1273-1450 HOURS (L. S. T.) PASE 1

Temp			ET BULB TEMPERATUR					TAL	TOTAL
(₹)	0 1-2 3-4	5-6 7-8 9-	10 11 - 12 13 - 14 15 - 1	6 17 - 18 19 - 20	21 - 22 23 - 24 2	5 - 26 27 - 28 29 -	30 - 31 D.B.	W.B. Dry Bulb	Wet Bulb Dew Poin
1 59			• •					1 1	
65/ 55									
-47 53		• 7	. 1					, ,	
2/ 51	. 4 . 2							<u> </u>	
13/ 4	• • • •	1.3 .5						J 20	5 1
4-/ 47	1.7.1.5	1	1 • 1					35 35	6 '
4.7 45	3.1 4.4	1.3 .5	7					-3 5	78 13
147 43	2.7 1.7	• • •				• • •		4. 46	. 35 44
-:/ 41	2.0 7.4	7.4	. 1					2 62	16, 41
17/ 25	.1 3.3 3.7	7 .	1					7.5 7.5	- 2 47
1./ 27	. 4 . 5 . 7	1.4 .2 .	, ,		•				73 6
. / 35	·8 3.7 5.1	2.2						106, 110	1"4 56
1./ 75	2.11.	. 3 . 1						1 59	,4 61
1.1 31	2.5 3.5	• 2						- 3 54	153 50
27 27	5.0 7.6	• •		•		• •		12 73	
1 27	1.1 5.7 2.5							7 73	75 175
/ 25		• •		•			•	1. 13	62 71
2-1 23	• 7								13 :7
2/ 21						* *****		6	4 5,1
:/ 11									. 42
1./ 17	• •	•	•	• •				. 1	
1:7 15									1 1 1
14/ 13	• •			•	•			•	
1. / 11									-
11/ 2	• •	•		•					
4/ 3									1
1146	1. 441.435.7	12.4 - 1 1.	3 1	•				u r	246
							7.27	445	345
•					-		-		•
•				-	•				
	• • •	• - •	-				-		
Element (X)	2 %	2 g	I .	No. Obs.		Mana No al	Hours with Tox	nana fissa	
Rel. Hum.	9314365	52745	74.313.554	8 4 5	10F 13			80 F • 93 I	F Total
Dry Bulb	1277336		37.5 6.749	845		2.		- 73	34
Wer Bulb	1336285	29121	34.5 6.224	845		4.5		+	
Dew Point	799290		29.6 7.568	845		3.5	-		- 4
DAM LOINI	177290	23022	2700 10300	34.)	1 3.	300			c 4

DEGRAE CLIMATOLOGY BRANCH GRAFETAD FOR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 TE 147 STATION AS SERMANY FEL 4-33 YEARS 53 E 1

1.

15 70-17 () HOURS (L. S. T.)

Temp.	WET BULB TEMPERATURE DEPRESSION (F)			TOTAL		TOTAL
(F)	0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 16 19 - 20 21 - 22 23 - 24 25 - 2	6 27 - 28 29	- 30 + 31	D.S./W.S. D	ry Bulb t	for Bulb Dew
53/ 59	• 3 • 1			-	,	
73/ 57	• • • • • • • • • • • • • • • • • • •			:		+
567 55	•			-4	ч	
4/ 55	•2 •1 •2 1•5 •5					
727 51	• • • • • • • • • • • • • • • • • • • •			4	4	4
73/ 44	•1 •1 •4 •0 •1 •4			- 34	2 /	1
43/ 47	1.4 1.7 1.5 1.4 .7			2 -	5.5	1
44/ 43	1, 701, 404, 201, 101, 04, 01				- 4	5.7.
	1 207 107 107 107 101			7.7	? 7	75
47/ 41	1 2 7 2 2 2 4 1 0 7 2 4 3 1 1 0 2 1 0 1 0 4		•		$\frac{71}{-7}$	37
3:/ 37				1	•	
$\frac{5:7}{757} \frac{37}{35}$	1.7 1.7 3.9 1.7 .5				5 2	89
'4/ 33				_ 5	- 5	
33	2.7 3.1 1.5 .1 2.7 1.9 .4		-	· 3 - 4	3 5	115
7 / 29	•2 2•8 2•2 •5			د .		
7-1 27	2 2.1 2.5			-	4 7	45
: 1 25	. 1			- 1	~ 1	
71/ 73		•	•	· · · · · ·		41
2/ 21						,
17 15				•		
1 / 17						
1:/ 15						
14/ 13						
1 / 11		•	•	•	•	•
1 / 0						
5/ 7			•		•	•
1141	7.527.833.847.343.3 4.7 .8				46	
			-	₹46		346
		-	-	·		
	The state of the s			•		
Element (X)	Zg' Zg T T Ma. Obs.	Meen No.	of Hours wi	A Temperatur	•	
Rel. Hum.	\$159791 57943 68.515.432 84£ = 0 F = 32 F	≥ 67 F	+ 73 F	- 80 F	+ 93 F	Terei
Dry Bulb	1475365 33981 40.2 7.335 946 13.3					
Wet Bulb	1134977 30544 36.1 6.164 345 27.5					
Dew Point	308967 25332 29.9 7.726 846 50.5	B .	1			7

i

USAFETAC FORM 0.26-5 (OL.A) PRYSED PREVIOUS EPITORS OF THIS FORM ARE ORGOTER

LEGRAL CLIMATOLOGY PRANCH

ATE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4

1 1+0 STATION NAME 1500-2000 HOURS IL. S. T.I -Asr 1

Temp.		WE	T BULB TEMPERATUR	E DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1-2 3-4 5-	6 7 - 8 9 - 1	0 11 - 12 13 - 14 15 - 1	6 17 - 18 19 - 2	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 = 31	D.B. W.B.	ry Bulb Y	Vet Bulb C	Dew Po
1 57	, , , , ,	_	1						1	1	·	
1 55		• 1. •	1								***	
14/ 52		• 5							Ç	5		
6/ 51	•1 • 1		1,							- 1		
11/49		3 . 2							1	1.1	1	
4 - / 47			1 • 1								11.	
4./ 45	7.7 7.6 1.		2 •1						. 5	1,5	75	1
4/ 43.	2.5, 3.4, 1.									4 (4.2.	1
12/ 41	.5 4.9 7.9 1.	9 1 • 3 •	,						5	9.5	6 3	2
1 1 77.	4.5.3.1.1.			*	•						-6	4
1 = / 37 1 = / 35	1.4 2.1 3.0 1.		I						. S	_ t,	2 7	7
34/ 33	3.3 4.3 1.		• • • • • • • • • • • • • • • • • • • •						. 4	54	55	· `
2/ 31									16	76	95	4
1 25		1.								5. 75	123	5
2:1 27		2							5 7	57	76	1.
7 25	1 6 5				•				11	11	<u>ر ۵</u>	1.
4/ 23	• • • • • • • • • • • • • • • • • • • •								1 1	4.3	13	į
2/ 21		•							• •			
// 13												
1 / 17		* · · ·	+	•	+		-	-	•			
6/ 15												1
+/ 13		*			• • • • • • • • • • • • • • • • • • • •							
. / 11												
-1 9					+							
TAU	3.335.938.713.	5, 5.9, 1.	3 • C							. 4 F		2 4
•		•							- 45		845	
			<u> </u>									
•											-	
		,			1							
	(h + - - - - - - - -			1					+			
		1										
(W)	2 x 1	ZX		No. Obs.	1		Man Ma	al Mausa = 10	h Temperatus			
lement (X)			72 717 034		105	± 32 F	± 67 F	≥ 73 F	- 80 F	• 93 F	T.	etel
ry Bulb	4527416 1237180	61405 31876	72.713.984	345 845	1 0 F	27.5	4 6/ F	2 /3 /		* 73 F		
et Bulb	1032996	29122	34.5 5.895	845		+			 			
ew Point	773347	24719	29.3 7.481	345		35.1 53.5			 		-	<u>ئ</u> 8
AM LOID!	113377	67187	L703 10401	397		23.5		1	L		1	Ų

CL. RAL CLIMATOLOSY BRANCH
DIRECTAD
LIP WEATHER SERVICE / AC
LIBIAO WARSTEIN AS SERMANY
STATION STATION

PSYCHROMETRIC SUMMARY

74-97 FE MONTH
PASE 21 3-23-0 Hours (C.S. T.)

								EMPERAT								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	- 10 1	1 - 12 1	3 - 14 15	16 17 -	18 19 - 20	21 - 22 2	23 - 24 25	- 26 2	7 - 28 29	- 30 - 31	D.8./W 8.	Dry Bulb	Wet Bulb C	Dew Po
21 51		ı İ	• 1		• 1/1						1					7	7		
7/ 47				• -													~		
1 - / 47			• "	• .												í	7	۵	
1:/ 15		1.5		• 7	+	-										. 3	, 3	11	
4/ 43	• 1		1 • 3	• 4												ڏ ٠	4.3	3.3	
1 7:		4.7		• 4							*					- 1.	27	42	<u>ت</u> ع
		5.4														7 0	73	4 6	
301 37.	1.2		2.1		?								-	-		17.	<u> 5.</u> 153	79	<u>c</u>
3+/ 33	-	5.4														-		0.6	į.
17/ 31	• 1		2.2	• 4							****		n seeken			7.5	97 c*	170	t 4
27 22	2		3.7	• 2												1.3	5.7	51	5
1. / 27		17.5								-						14	145	113	11
51 25	. 5		. 4															139	7
4/ 23	2		•	-	• •	•		• -	• • • •	*-			•		*	1	11	36	6
2/ 21	. 2		• 6													7	•	1.4	7
1/ 17	• 2	• 1							*	- +						-	3	2	t
6/ 17			_																
		• 1									++		•			1	1		1
4/ 13		• 1									***************************************					1	1	i	
4/ 13		• 1									*		•			1	1		
4/ 13 2/ 11 5/ 9		.1				•	•			•							1	1	
4/ 13 2/ 11 5/ 3 4/ 7	. 76	-		a							•							1	1
4/ 13 2/ 11 5/ 3 4/ 7	5.75	55.93	31.5	4.)	• B		•										4 :		1
4/ 13 2/ 11 5/ 3 4/ 7	5.75	-	31.5	4.)	• 9						•					: 45		545	1
4/ 13 2/ 11 5/ 3 4/ 7	5.75	-	31.5	4	• 8													545	1
4/ 13 2/ 11 5/ 3 4/ 7	5.75	-	31.5	4.)	• 9									•				545	1
4/ 13 2/ 11 5/ 3 4/ 7	5.75	-	31.5	4	• 9													540	1
4/ 13 2/ 11 5/ 3 4/ 7	5.75	-	31.5	4.	• B						1							545	1
4/ 13 2/ 11 5/ 3 4/ 7	5.75	-	31.5	4	• 9													545	1
4/ 13 2/ 11 5/ 3 4/ 7	5.75	-	31.5	4 . 3	• 9													545	
4/ 13 2/ 11 5/ 3 -/ 7	5.75	-	31.5	4.	• 8													545	1
4/ 13 2/ 11 5/ 3 1/ 7 1AL		55.93	31.5							Dha						: 45	45	545	1
4/ 13 2/ 11 3/ 7 7 TAL		55.92			E g	7,7		9 1	No. (,05	432				: 4 5	4 :		3 4
4 / 13 2 / 11 3 / 7 7 7 7 7 1 1 1 1 1 1 1 1		55.93 55.93 5376	919		Z _X 6678	3 7	8.91	1.152		Dbs. 346 B46	107	= 32 35	F	Meen Me.	of Hours wit	: 45	45		3 4
lement (X) left. Hum. ry Bulb ert Bulb		55.93 55.93 5376 1319	919		E g	3 7	8.91			346	106	35				: 4 5	4 :		3 4 steel 3 8 6

D-3 (OLA) REVISED MEMOUS EDITIONS OF THIS HOLM ARE ORSO

AFETAC POEM

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DLABAL DLIMATDLOGY BRANCH Unafetad alr Wisther Service/M40

PSYCHROMETRIC SUMMARY

1

1. -147 YMAPRIE ER VIBTEMA-YEARS STATION PA , E ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1. 2 3. 4 5. 6 7. 8 9. 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 + 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point _/ 57 50/ 57 4/ 53 • 1 5.1 . 1 • 1 1 : 3 177 75 47 15 2.5 490 44 . 4 / 45 .: 2.7 274 . 3 132 43 .1 7.6 370 477 41 .3 3.2 432 265 73 .1 4.1 4.2 421 312 4 2 37 3.1 2.5 511 441 35 . 3 4 . 2 4.7 • 1 731 731 479 505 .5 4.8 3.5 .6 3.9 2.5 147 33 4 3 3 644 . 5 • i 533 31 . ? 485 47% 925 37) .4 5.7 2.4 .8 7.5 3.2 27 c > 1 5 1 537 455 27 1.8 9 3 5 739 899 555 25 . 6 .5 2.6 2 5 615 565 74/ 23 .4 1.R 279 659 1 4 154 2/ 21 .7 1.1 135 456 . 7 . 7 175 394 3 90 157 17 ٥ ٥ :7. 53 15 52 192 14/ 13 1:/ 11 ٤, 74 127 72 7 14 5/ 4/ 11 J/ -1 - 1 -3 Meen No. of Hours with Temperature Element (X) Rel. Hum. 1 0 F 1 32 F ± 47 F = 73 F • 93 F Dry Bulb Wet Bulb

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0.26-5 (OLA) RIVISED MEVIOUS EDITIONS OF THIS FO

AFETAC FORM

17

1 SAFETAC NOW 0 26-5 (OLA) REVISE REVISES EDITORS OF THIS NORM ARE DESCRIPTED

SEDBAL CLIMATOLDBY TRANCH STAFEAC SEC WEATHIR SERVICE MAC

PSYCHROMETRIC SUMMARY

STATION	EARSTEIN AB	SER 4AVY		14-83		YE	ARS				r E MONT	
									210	٠	HOURS (L.	5. T.1
Temp.		we	T BULB TEMPERATUR	E DEPRESSION	(F)	 			TOTAL		TOTAL	
(F)	0 1-2 3-4 5	-6 7-8 9-1	0 11 - 12 13 - 14 15 - 1	6 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 - 31	D.S./W.S.	Dry Bulb	Wet Bulb De	w Pain
7.5	.451.127. 5	. 2 . 2 - 1 .	7 • 1		J					5767		676t
					-+				5755		6765	
		- 	- 				-		•			
				The second second second	*				•			
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									··· · •	•	+	
•			• • • • • • • • • • • • • • • • • • • •	•	• • • • • • • • • • • • • • • • • • • •					-	•	
				-								
				+	1							
				+ + -					•		+	
				T ALLES								
Element (X)	Σχ'	ZX	7 %	No. Obs.			Mean No.	f Hours with	Temperet	ure		
Ref. Hum.	41771685	524373	77.512.937	6766	2 0 F	± 32 F	≥ 67 F	■ 73 P	- 80 F	- 93 F	Tet	ol.
Dry Bulb	8503983	235521	34.8 7.754	6767		269.4	7			1		672
Wet Bulb	7425985	218987	32.4 7.376	6756		352.5						672
Dew Point	5792375	193275	28.1 8.375	6765	7	459.6						57:

** ***

LIBAL CLIMATOLDBY BRANCH DIAFETAC AIN ACATHER SIRVICE MAC

PSYCHROMETRIC SUMMARY

STATION	ER PIETZPAF	SERMANY STATION HAME			74-83		Ÿi	ARS			0.0-1-00000	MON	
										٠ ٥ ٥ -	į	TOD3-	- <u></u>
Temp.		W	ET BULB	TEMPERATUR	E DEPRESSION	(F)				TOTAL		TOTAL	
(F) -		3 - 6 7 - 8 9 - 1	10 11 - 12	13 - 14 15 - 1	6 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 - 31		Dry Bulb		De w
15/15	.1 .^										ŧ	1	
14/57	1.4	• 5 • 1								4	3.0	. <u>.</u>	
1 -1	•5 1 • 1	•1 •? •	1							. 7	20		
1 4 7	• • • • 7 • 2	• 5								1	41	12	
4:7 47	.3 1.3 1.5		. 1							J	40	•	
45/ 45		1.5 .5									- 1		
+4/ 43	3.1 5.1	5,								(-	25	_	
/ 41.		1.51.									2 4		
4 / 37		1.1								105	100		
15/35	• 4 4 • 4 ? • ?	<u>.</u>								7-3	$\frac{7^{3}}{135}$		
11/33	.2 3.3 3.4	• • • • • •								13:			1
77 31	2 3.3 1.5	.4								. '5.	7.E	134	
1 24	3.7	• 3										-	
-1 27	5 2 6	• 3	•		• •	•				- 2.	42		1
1 25		• 2								j	: G	7 5	
2.1 27	. 1.3	• • • •	•		***					•		1:	
27 21	. 2 2.									+	_	14	
/ 13	3					****				·		4	
1 / 17	. 1									1	1		
11/ 15			•	•	-		-			· · · · · ·			
14/ 13													
1:7 11			-		•	•			-				
1 . / 2													
: 1 7			•		•					***************************************		-	
./ 5.													
FOTAL	7 . 744 . 7 38 . 71	2.2 2.3 .	4			•					:	·	5
						•				₹33		935	
		11											
	505:					1							
					1								
			+		· · · · · · · · · · · · · · · · · · ·	+			_	+			
					1 1								
Element (X)	z x,	ZX	X	₹	No. Obs.	<u> </u>		Meen No. e	Hours wi	th Temperatu	re .		
Rel. Hum.	5515375	71419	75.5	11.397	930	2 0 F	s 32 F	± 67 F	≥ 73 F	= 80 F	· 93 F	· T	etel
Dry Bulb	1+71725	35384	39.1	7.210	930		16.9				1		
Wet Bulb	1275907	33835		6.947	933		27.9			† 	 		
WET DUID	16(237)	33333	20 . 7	0 0 7 7 7 7	431		21.4			1)		

PAL DETMAIDEDBY BRANCH FREETAD AIR MEATHER SERVICEMMAC

PSYCHROMETRIC SUMMARY

1 5140 STATION CAMSTEIN AS SERMANY YEARS 733F 1

Temp.					E DEPRESSION					TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4 5	-6 7-8 9-1	0 11 - 12	13 - 14 15 - 1	6 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 - 31	D.B./W.B.	Dry Bulb W	let Bulb D	ew Point
1 2/ 59		• 1								1	1		
-/ 57						+				i		-	
75/ 55	• • • • • • • • • • • • • • • • • • • •										- 5		
-4/ 53		4								1,	17		
7 / 47	1.0 1.4	• 3								÷ 1	24	13	1
37/47	1.0 1.5	• 2 • 1								<u> </u>	+ 1	14	<u>1 ^ (</u>
45/ 45		.3	,							•		34	4
44/ 43	2 1 9 3 5 1								- •	102	102	5.3	33
427 41	4.7 3.3 1									- 3		74	
1 7 39	7.3 2.4	• 3 • 2								5	93	21	5.
5 / 37	.5 4.4 7.3 1									Ė	8.6	79	7 ^
3 :. / 35		• 3									6.5	73	92
3./ 33		• 3 • 1								, 2	72	79	6.5
:>7 31	.1 5.4 2.5	.5 .7								2.	1.2	102	53
791 23	.8 5.3 .7	• 1								5	55	91	e, 9
27 27	1.1 3.7 1.1		•			-			_ •	1,4	r 4	5.5	145
20/ 25	.1 1.6 .5									1	21	45	5.0
[247 23°	1.4 .9	•								24	24	2€	67
72/ 21	• 2 • 1 • 1,			11						4	4	14	2.3
221 17	• 1			•	,					1	1	7	2 ?
13/ 17										Ĺ	5	1	13
15/ 15	• .7'									, i	3	6	4
14/ 13	• • • • • • • • • • • • • • • • • • • •									·	1	4	
1.11	• 1									1	À	1	,
1./ 3					· +								7
:/ 7	1												
3/ 5.	4.252.533.1 9		7			+					777		
7145	4.232.733.11 7	• 1 • 1	3							027	4 J. (0.70	٠ <u>.</u> .
					+ + + + + + + + + + + + + + + + + + + +	•			-	930		930	
				1						1 1 3			
			•							•			
Element (X)	2 11	z x	X	• 1	No. Obs.			Meen Ne.	of Hours wil	h Temperatu	**		
Rel. Hum.	5837332	72913		11.370	930	10F	s 32 F	≥ 67 F	≈ 73 F	- 80 F	• 93 F	T.	rel
Dry Bulb	1372457	35007		7.575	930		26.2				ļ	+	95
Wet Bulb	1200968	32715		7.324	930		35.2					+	93
Dew Point	978350	29104	31.3	8.527	930		53.7					1	93

USAFETAC FORM 0.26-5 (OLA)

LORAL CLIMATOLOGY BRANCH
DEMETED OF SERVICE/MAC

PORTHUR SERVICE/MAC

PROMOTE AS SERVICE/MAC

STATION NAME

STATION NAME

PSYCHROMETRIC SUMMARY

VEADR

MA-

1.1

930

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 = 31 D.B.W.B. Dry Bulb Wet Bulb Dew Point si/ 59 12 14/ 53 1 4 7 •1 1•2 •1 1•3 1.1 7 2 -2.7 3 - / 47 • 3 4 - / 45 7 1 3.7 1.2 34 2.5, 3.4, 3.7, 4.2 5.7, 7.7 41 43 . 5. ... 4. : 7 ું <u>દે</u>. હ 7 17/ 41 1.4 41 45 421 33 • £ 9 +1 301 37 4.2 2.1 15 • 5 1316 5.3 3.? 170 35 .4 4.9 34/ 33 5.1 1.7 . 5 31 74 127 31 .1 4.2 1.4 6 : 105 .11 /2/3 3.3 5.4 1.5 • 5 75 27 . 1 145 25 . 2 1.5 • 3 21 44 51 : 1/ 23 .1 1.9 77 . 7 21 71 . 3 24 45 15 13 15/ 17 د 5 15/ 15 : 1 14/ 13 1./ 11 17/ -

T - 1.

Meen No. of Hours with Temperature Element (X) 79.211.132 36.9 8.134 34.6 7.719 5951532 1329463 73674 34340 Rel. Hum. 933 1 0 F ± 32 F = 47 F = 73 F = 80 F + 93 F Total 933 27.5 Dry Bulb 1153712 933 Wet Bulb 32173 35.7 30.9 8.774 937 52.2

O.26-5 (OL.A) REVISED MEYICUS EDITIONS OF THIS KUR

5/

5.754.131.7 5.9 1.3

SAFETAC NOW 0.34 & 101

Jr. 19 Incomments

trees and the

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SECRAL CLIMATOLOGY PRANCH STAFETAC NEATHER SERVICE/MA:

PSYCHROMETRIC SUMMARY

Temp.					E DEPRESSION					TOTAL		TOTAL	
(F)	0 1-2 3-4	5 - 6 7 - 8	9 - 10 11 - 1	2 13 - 14 15 -	6 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 = 31	D.B./W.B	Dry Bulb	Wet Bulb	Dew Pe
1 51		• 1			-:			· ·	1	-	1 1		
- / 59						+							
5.7 57	• }	• 2									,		
5: / 55	•1 • 7	.4 .2	• 2							1.	-	<u>i</u> _	
1/ 55	•) •)	5 1	• 1)	3	
5/ 51	1.3 7.3	- <u>t</u>				******		ha			7 3	78	
4 / 47	1.5 1.6	1	1									_	,
45/ 45	1 3 3 3 3 9	1.9 4	• 1									56 45	<u>:</u> 5
44/ 45	.1 2.5 3.3	-										- 1	4
12/ 41	1 4.3 3.1										$\frac{2}{3} = \frac{75}{33}$	69	4
43/ 39	. 7.4 4.2									1 3		- 3	4
36/ 37	5 4 3 3 2	• 3									5 7	179	b
75/ 35	5.9 3.0	• • 1										113	10
3+1 33	.5 3.8 2.5	• 3	•							6		115	b.
12 /52	.2 2.4 1.1	.4 .1								+ :	4.5	P 5	7
7/ 27	1 1.2 1.7	• 5									32	45	3
301 27	.1 2.2 .4	• 1								2 :	26	41	11
15/ 25	.2 .9 .5			-						1:	15	22	5
24/ 23	•? •4									17	12	17	3
2/ 21	. ₹									-		1 5	
70/ 19	.1 .2											<u>6</u>	1
1:/ 17	- J											۷	1
$\frac{1:1}{1:1}$ $\frac{15}{13}$	• 7					•							
11/ 11												-	
1 1/ 3	• • • • • • • • • • • • • • • • • • • •				+							<u></u>	
3/ 7										1	,		
1/ 5				1	+	•		-		+		-	
STAL	2.45.634.11	14.3 2.9	. 41			1	1				- :44		9.7
						•				930	1	930	<u> </u>
			•							-	+		
Element (X)	2 x'	2 x	X	•	No. Obs.			Mean No.	of Hours wi	th Tempera	ture		
Rel. Hum.	5572383	7113		11.910	930	1 0 F	± 32 F	≠ 67 F	⇒ 73 F	- 80 F	■ 93 F	T	etel
Dry Bulb	1323368	3597		7.395	935		14.1		<u> </u>	1			Ş
Wet Bulb	1313336	3429		6.993	930		23.3			1			9
Dew Point	1056119	3039		8.204	930		45.6			1			ý

SELBAL CEIMATOLDSY BRANCH JSEPETAC ATP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	-AMSTEIN AB	STATION NAME			74-0 ₹		YE	ARS				MON 1	
										31 3	1	1275-	-14
Temp.		W	T BULB	TEMPERATU	RE DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4	5 - 6 7 - 8 9 - 1					- 24 25 - 26	27 - 28 29	- 30 = 31		Dry Bulb		Dew Poir
6/ 5%			1 .		• • • • • • • • • • • • • • • • • • • •					•		-	
4/ 63													
427 51		• ' • + •	? .1		•					1.0	15		
5/ 59	- • 1		4	. 1							14		
: / 57										7.	23	1	
5:1 15	.1 1.1	_	ā	• 1						-	7 7	9	
14/53	.1 .7 1.4		5			•				4	- 4	. 6	
12/ 51	•3, 2.5									.ز ـــــ .	£ -	- 1 <u>0</u>	- 4
13/ 47	1.7 .5		? .1		•					47	4 7	15	
45/ 47		7 7 6								i	7 5	()	3.7
4 / 4	.1 2.4 5.3		5 .							1 1	151	73	6
34/ 43	. 5.7		1							11.	117	- 2	٠ ٤:
4 / 4]	.2 2.2 3.1		4	h	The second second second second second					1 3.5	1.7	100	F, 3
43/ 37	.1 7.3 3.4		?							3.9	69	125	57
3: / 3:	1.3 2.5		,	• • • • • • • • • • • • • • • • • • • •	* ***			• • • •			4.1	120	₹7
1: / 35	1 1.9 1.3	.3 1.2								~ + ·	43	97	102
14/ 33	.1 .5 .6	• 4 • 1	· · · · · ·							1.	1	73	41
12/ 31	•1 •4	. 4								• ,	9	3.9	7.2
1 7.	• • • •					******				•	<	15	5 4
1 : 1 : 27	• 5									Í	t;	20	9.2
/ 25													. 5
2 1 23													. 2
72/ 21	· · · · · · · · · · · · · · · · · · ·		•	• • • • • • • • • • • • • • • • • • • •		• • • • •		-	-	-			1 .
23/ 17	4												1 -4
11/ 17				*		-	***************************************						1 4
15/ 15													- :
14/ 13	- + +			•		+			-				•
12/ 11				1				,					
11/ 9			•			•		•	•	-			-
1 7		•				1	1		- 1				7
11 5			10		1								7
TAL	. 515.531.42	9.414.2 5.	3 2 . 5	. 4							933		955
										930		933	
Element (X)	ž _X ,	2 x	X		No. Obs.			Meen No.	of Hours wit	h Temperatu	r•		
Rel. Hum.	4236259	51272	65.9	14.551	930	± 0 F	s 32 F	≥ 67 F	∗ 73 F	▶ 80 F	≥ 93 F	Te	otal
Dry Bulb	1947112	42762	45.2	6.939	930		1.7						2.3
Wet Bulb	1549027	37501	40.3	6.298	930		8.5						93
Dew Point	1130959	31481	33.9	3.3B5	930		37.7						93

USAFETAC FORM 0.26-5 (OLA) PRINTED REVIOUS EDITIONS OF THIS FORM ARE DESCRITE

TL.BAL DETARTOLDBY BRANCH LIAFETAC & H. WEATHER SERVICE/MAC

RAMSTELY AS SERMANY

PSYCHROMETRIC SUMMARY

STATION			STATION NAM	E				Y	EARS				MONT	TH
											> 6 €	1	1933-	
Temp.				WET BULB	TEMPERAT	TURE DEPRESSIO	N (F)		-		TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4 5 -	6 7 - 8 9			- 16 17 - 18 19 -		- 24 25 - 26	27 - 28 29	- 30 = 31		Dry Bulb) e w
74/ 73	+	+		•		. 1	. :	•	• •	+		1		
7/1 59				•	1	• 1								
1 1 57	•		,	• ' •	1 .1		•				4	J		
.6/ 55			• 1								13	10		
-4/ 53		• :		1.	. 5	• 2					2	. 1		
11/ 51			1.1	• . •		• 2					? -			
13/ 59			1.4		. 4						7	- 1	č	
1/ 57.	1	• ?. •	$= 1 \cdot \hat{1}$	1. ?	. 1.	• <u>1</u> .		• • •				2.1.		
57 55				1 . 3	• 5						47	+ ?	14	
4/ 53	i		4 1.3		1			er credition design are account			4:	4 .	3.8	
2/ 51	• 5		3.5	• 6 • 6							12	7.2	35	
3/ 49	1.1	3 2		• 5								53	5.6	
4:/ 47		1.3 2.			. 1						12	22	= 4	
43/ 45		5.0 7.							. = = =		1 5	195		
44/ 43		3.0 2.		5							120	10 3	101	
$\frac{427}{457} \frac{41}{35}$		2.4 1.		• 3	}						- 5	75.	172	
3:/ 37				• 5								-	112	
25/ 35			5 .3	• ?		******					34	بن 15	137	1
31/ 33	. 7	-	2 .3								15		9.2	1
12/ 31	• • •				•						14	14	39	
31/ 25	. 1	. 1	1								3	3		
7:1 27			•										13	
25/ 25													. J	
74/ 23					•						•		<u> </u>	-
2/ 21		1												
21/ 19	-		· -										•	
10/ 17														
15/ 15			-											
14/ 13			•				1		1					
12/ 11	-		-							•				
10/ 9			12								1			
5/ 7			T											
5/ 5,			1	4			114							
Element (X)	Σχ¹		ZX	X	₹ R	No. Obs.			Meen No.	of Hours wit	h Temperatu	10		
Rel. Hum.							10 F	s 32 F	≥ 67 F	≥ 73 F	≥ 80 F	■ 93 F	To	tal
Dry Bulb														
Wet Bulb														
Dew Point								1						

and the second

STUBBAL CLIMATOLOSY BRANCH
BYAFETAC
ATRIAGATHER SERVICE/MAC

PRANCIEIN AS GERMANY

RANCIEIN AS GERMANY

PSYCHROMETRIC SUMMARY

STATION	EA MIBIERAS	GERMANY STATION NAME		74-23			ARS				n A MONT	ř
STATION		STATION NAME				••			24	Γ.	1505-	
Temp.		WI	T BULB TEMPERAT	URE DEPRESSION	(F)				TOTAL		TOTAL	
	0 1 - 2 3 - 4 5	-6 7-8 9-1	0 11 - 12 13 - 14 15	- 16 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb D	ew Poir
4/ 3					10							•
. / 1	.5 3.527.223	7 233 453	35533									1
1.14.	• 5 • 5 £ 1 • 3 £ 3	3 - 5 2 2 - 4 1 2 -	. 5.5 4.4	·t ·i ·	ı				03.0	()	470	7 10
							•	•		•		
-		-							-			
									• •	-		
	de - s minder man derman				+				*			
			4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	• - • • • •				•			•	
	*	***************************************	* * * * * * * * * * * * * * * * * * * *			***************************************			*			
									· · · · · · · · · · · · · · · · · · ·			
•			+		·						-	
•												
									•			
	1.0											
•					++				+		-	
					1							
		1				- 1		1	!			
-			+-+-		+ + -					+		
							Ì					
Element (X)	Z _X ,	2 x	χ σ _g	No. Obs.				f Hours wif	h Temperati	110		
Ref. Hum.	3591957	55823	50.016.113	930	2 0 F	1 32 F	± 67 F	≥ 73 F	- 80 F	⇒ 93 F	Te	tel
Dry Bulb	2137359	44575	47.9 7.433			• 3	• 8	• 2				93
Wet Bulb	1558895	38831	41.8 6.358			5.6	-				-	93 93
Dew Point	1134111	31397	33.8 3.934	930		37.5			<u> </u>			

0-26-5 (OL.A) revisto mevicus spirious of this foam

USAFETAC FORM 0.26-5 (OLA)

PLOTAL SLIMATOLOGY BRANCH BENTAD NIT WENTHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

Temp.					WET	BULB T	EMPERA	TURE DE	PRESSION (')				TOTAL		TOTAL	
(F)	0 1	- 2 3	3 - 4 5 -	6 7 - 8	9 - 10	11 - 12 1	3 - 14 1	5 - 16 17 -	18 19 - 20	21 - 22 23	- 24 25 - 20	6 27 - 28 29	. 30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb D	Dew P
7:1 59					1		• 1		' '	ī				1	1	,	
15/ 55					•	• 1									5		
-1/ 53					• >	• 1	• ?	• 1						1.1	11		
. 61 51				•	! . 5	• 5	• 1							1.4	1.4		
1/ 59			• "	.4 1.4		• 2	• 1	• 2						3	. 7		
: / 57			• 1	• 2 • 3			100							i.	21	- 2	
FUL 55		• ì	• 2 1	.1 .5	5 . 5	• 1	. 2	• 1						2.	20	7	
4/ 53	• 1	• 4	• 1	.9 1.5		• 5								4.5	45	3.7	
27 51		• 4	2.4 1	· 1: 2 · 3	. 5	• 3	• 1							63	63	_	
J/ 43		• 9	2.11	.5 .5		٠٤								- 5	èc	48	
. / 47	• 1 1	• 7	1.3 3	.0 1.	5 . 5	• 3								15	70	54	
1./ 45		• 2	5.7 5	.6 2.5	1.	• 3								17:	178	35	
4/ 43	.2 1	• 7	5.2 3	•7 2 • 1	1 . 3									1 2	122	38	
2/ 41	. 1	• 2	2.4 3	.4 1.5		• 2								- 3	03	126	
3/ 35	2	• 5	2.4 1	• 5 • 5	• ?	. 1								5	6.5	120	
-/ 37	• 4		1.3 1.	.4 .2	1.									49	49	104	
- / 35		-		• 3 • 4										? :	20	89	1
4/ 33		. 8	terrenament to the	.2 .8	and the same of the same of							•		, i.	21	5.5	
37 31		• 7		.1 .2	?									Ü		42	
31 23		• 4		• 2							•			ن	5		
1 27			1	• 2												20	
6/ 25																12	
4/ 23		1														3	
2/ 21																	
10 10																	
-/ 17		-			+												
1.7 15																	
5/ 13						·								+	+		
c/ 11						1								1.			
_/ 9			\rightarrow						1					1			
. / 7					-			1				1	1				
5/ 5									- 			+ +					
e/ 1								1									
lement (X)	ZX	, ,		2 1	' '	X	•	No.	Obs.			Meen No.	of Hours wit	h Temperatu	ire		
el. Hum.										1 0 F	s 32 F	≥ 67 F	≈ 73 F	- 80 F	+ 93 F	Te	tel
y Bulb																	
et Bulb																	
w Point											Ī	1		1	T	-	

SLURAL CLIMATOLOGY BRANCH SCAFETAC AIR HEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	PAMSTEIN A	B SERMANY STATION NAME			74-93		YE	ARS				MONTH	-
										DAS		1577-2 HOURS (L. S	2 0 0 5. T.)
Temp.		W	ET BULB 1	EMPERATUR	E DEPRESSION	(F)				TOTAL		TOTAL	10.00
(F)	0 1 - 2 3 - 4	5 - 6 7 - 8 9 - 1	10 11 - 12	13 - 14 15 - 1	,	21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 + 31	D.B./W.B.		Wet Bulb De	
TAL	1.14.727.3	25.417.5 9.	ii, 3.€3	• 6	4	1		1	i i		C 7	222	ړڼ
					+	+				, <u>735</u>		233	
			•						•	•			
•				-	•	-			•				
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					101								
					(1								
							1			1			
											4		
		27		1									
			1 _ i										
												- 11	
			i i										
Element (X)	2 x'	Σχ	X	* <u>*</u>	No. Obs.					h Temperatu			
Rel. Hum.	392B707	59365	63.5	15.987	930	1 0 F	1 32 F	≥ 67 F	≥ 73 F	- 80 F	• 93 F	Tere	
Dry Bulb	2314915	42789	46.3	7.045	933		1.5	. 1		-	ļ		ç
					0 7 0			1		1	1	1	
Wet Bulb Dew Point	1574764 1118143	37828 31141	40.7	9.008	930 930		37.7				-		7

M 0-26-5 (OL A) REVISED MEYICUS EDITIONS OF THIS P

USAFETAC FORM 0.26-5 (OLA)

SESSAL SETMATCHOSY RABNOM 3 AFITEC ATH WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

03.7

4

0311

1 - 3147	PANSICIN AS SERMANY	74-83	M 2.7
STATION	STATION NAME	YEARS	MONTH
		24.6	11 20 27 2

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point _/ 59 . 1 57 5./ F.5. 12 4/ 53 23 5.1 21 4 1/ 40 47 1-1 • 3 27 2 : ? 4 / 45 3.7 5.4 3.3 1.3 49 1.7 5.5 1.7 -4/ 47 . 5 3 6 55 Ö 3.7 6. 7 2.3 427 41 96 4.9 3.1 1.3 .5 3.4 2.7 1.4 4.1 3) • 2 3 8 42 132 •? 34/ 37 **7** a : 5 35 2.0 3.4 1.5 • 3 ٥8 3./ 79 1..1 75 7./ 33 2.7 2.4 .5 13 57 12/ 31 7_/ 22 22/ 27 1.0 1.3 .5 2.7 1.0 1.2 .9 .9 .2 • 2 7.4 3.2 34 47 41 43 51 1..7 10 42 15/ 25 49 23 241 55 *2/ 21 *3/ 15 7 23/ 17 15/ 15 14/ 13 12/ 11 11/ 3 3/ 11 1.531.341.519.1 5.8

No. Obs. Meen No. of Hours with Temperature Rel. Hum. 5391203 67698 38454 72.813.255 41.3 6.651 10 F 1 32 F ≥ 67 F ≥ 73 F . 80 F • 93 F 1631106 930 Dry Bulb 10.0 93 37.9 6.543 Wet Bulb 1375714 35248 930 93 20.6 Dew Point 1374728 30586

1

0-26-5 (OL A)

10 2 USAFETAC

SUPPAR CLIMATOLOGY PRANCH LUGFETAC A'R KEATHER SERVICE/MAC

MANSTELV AS GERMANY

STATION NAME

11:143

STATION

PSYCHROMETRIC SUMMARY

4.

MONTH

HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point (F) 11 7 1 5 • 3 - / 57 E, 4/ 53 • 1 • 1 4 . 4 . 3/ 57 . 4 • 1 £. e. 1 57 × 9. • 3. 56/ 55 • 3 • 1 . 1 14 4/ 55 279 234 117. 71 51 3 3 353 0 0/ 49 .9 1.7 1.3 330 330. 240 2 -/ 47 1.3 440 • 1 443 370 175 .3 3.3 4. .1 1.9 4.5 4:/ 45 1035 1035 . 4 476 387 . 9 77. 742 04/ 43 2.2 • 1 720 • 0 559 291 12/ 41 .1 3.1 3.5 2.2 742 721 399 • 3 471 3 .1 4.9 3.1 1.3 • 1 7.24 724 412 510 3:/ 77 .5 2.9 2.5 • 3 534 534 881 637 15/ 35 ·1 3.2 2.8 . 5 513 . 3 517 757 855 34/ 33 31/ 31 .3 2.5 1.7 669 386 527 2.2 • 1 • 3 1.1 2 F 4 570 487 • 1 2 - 4 264 361 " / 27 1.9 298 • i 213 215 9.6 . 7 14/ 25 199 -3 449 . 5 24/ 23 71 71 196 366 ~2/ 21 2~/ 17 . 2 . 1 169 66 • 1 • 1 1 13 35 179 1./ 17 • 1 15/ 15 54 £ 14/13 t 1 1./ 11 65 131 9 • 1 50 1 7 46 Element (X) X No. Obs. Mean No. of Hours with Temperature s 32 F • 93 F Dry Bulb Wet Bulb Dew Point

1

74-83

WANT TO THE TANK

0.26-5 (OLA) REVISED MEVIOUS EDITIONS OF THIS FORM ARE DESOUR

USAFETAC NOW 0.26-5 (OLA)

SECRAL CLIMATOLOGY RRANCH
USAFETAC
ALL AFATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

STATION	× 3 42	1 . 1 V A	STATION NA	T ME		/4-53		YE	ARS				MONTH
											DAI	-	HOURS (L. S. T.)
Temp.				WET BUL	8 TEMPERATUR	RE DEPRESSION	(F)				TOTAL		TOTAL
(F)	0 1 -	2 3 - 4	5 - 6 7 - 8	9 - 10 11 -	12 13 - 14 15 -	16 17 - 18 19 - 20	21 - 22 23	3 - 24 25 - 26	27 - 28 29 -	30 * 31	D.B./W.B.	Dry Bulb	Wet Bulb Dew Pa
11 1						i							,
:/ :													-
J17"	2. 33	432.5	17.4 3.4	3.5 1	.4 .5 .	1 .7 .						744 1	
											7445		7444
											•	•	
				* ***								·	
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			• • •	***			+ +		· · · · · ·	+	***		
-						· · · · · · · · · · · · · · · · · · ·	+					-	-
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•	+		•	1				•		1	•		
											1		
+	•							•			1	•	
		1						į			1 1		100
	Zx'		ZX	X	₹	No. Obs.			Mean No. e	f Hours wi	h Temperat	ure	
Element (X)			53279	71.	615.123	7493	10 F	s 32 F	≥ 67 F	+ 73 F	- 80 F	• 93 F	Total
	395	32141	22671										
Rel. Hum.	355 134	74903	31.58	37 41.	7 8.274	7443		98.6	• 9	• 2	?		744
Element (X) Rel. Hum. Dry Bulb Wet Bulb	134	74903	31 58 28241	37 41.	7 8.274 0 7.276 6 8.562	7443		98.6		• ?	?		744

-26-5 (OL A) REVISED MENOUS EDITIONS OF THIS

USAFETAC NOR 0.26-5 (OLA)

7.

CLURAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 1117 TAMSTEIN AS GERMANY YE ARS MONTH STATION STATION NAME 5090-0350 HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 a 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 04/ 50 02/ 51 40/ 59 • 1 • l 55/ 55 . 3 • 1 13 • 1 1_ 1.3 1.4 51 21 • 1 30 . 2 . 4. 521 4, • 1, 34 10 11.3 4 5/ 47 3 å 1. 8 1.1 2.2 . 4 13 45/ 45 5.5 4.8 1.7 . 1 . 6 14/ 43 .4 2.4 4.0 1.9 . 1 - 2 93 74 5.3 .1 3.5 2.7 1.4 42/ 41 75 79 77 • £ 5. 41/ 3 2.9 04 91 . 5 - 1 65 .1 5.8 4.3 7:1 37 0 2 112 1:1 . 9 35 .4 5.9 2.3 42 89 197 - B 34/ 33 .1 3.3 3.3 1.1 71 98 17.6 12/ 31 11/ 39 73 2.4 1.1 34 34 84 2.6 31 50 27 .1 1.3 38 77 11/ 25 24/ 23 32 127 21 72/ 19 19/ 17 15/ 15 878 TOTAL 1.545.935.711.7 3.3 1.1 .1 No. Obs. Element (X) I Mean No. of Hours with Temperature 5422362 76.211.594 41.0 7.J19 898 ± 67 F = 73 F Rel. Hum. 10F 1 32 F - 80 F - 93 F 59333 36393 3.9 Dry Bulb 34199 38.1 6.493 34.0 7.453 1340205 18.2 Wet Bulb 898 5.3 1393776 30574 998 37.7 Dew Point

0.26-5 (OL.A) BEVISED MEYIOUS EDITIONS OF THIS FORM ARE OBSOITTE

USAFETAC NOM 0.26-5 (C

BLUBAL CLIMATOLOGY PRANCH Brafetac NTP Weather Service/Mal

PSYCHROMETRIC SUMMARY

STATION	AMSTE			ATION NA						YEAR					MON	TH
													2455	ĭ	73 76 -	
Temp.								DEPRESSION (F					TOTAL		TOTAL	
(F)	0 1 - 2		5 - 6	7 - 8	9 - 10	11 - 12 13 - 1	4 15 - 16	17 - 18 19 - 20	1 - 22 23 - 24	25 - 26 2	7 - 28 29 - 30	31 D	.B./W.B. D	ry Bulb	Wet Bulb [Dew Pair
1 59		7		ŧ			1							1		
1 57		_	• 1	• 2								-	>	3		
57 55	• !		• 3	• ?	• 2								-	4	-	
4/ 53	•4 •5		• "	• 1									1.	15		
2/ 51	•1 •5		• 1										3	5.0	5	1
_/ 47	1.		• 1							+			- 2	22	10	
4 / 47		1.4	• 2											4.2		
43/ 43		3.2	• 3	• ?,			. = 31.						7	0.	47	4
47 43	• 5 ? • 3		• 4										5.9	5.	_	ز
-2/ 41	•1 7•5		. 4											<u> </u>		5
37 37		u .		• 1									٠ ٤-	şe	71	3
3 / 37	1.7.7.		• 5										110	110	. 8	5
35	.2 6.7		• 2										130	100	115	7
14/ 33	.1 6.4		. 3						(4)			~	` 7	77.	116	5
2/ 31	.1 3.7		• 1										4 -1	4 5	23	7
7 ,/ ?4		1.7											٠ ن	= 1	56	1.5
1 77	.2 6.5												7.0	7.7	_	12
25	1.3	• 1			+								15	17		4 1
2+/ 23	•1 •9												ذ	<i>i</i> _,	15	4 /
2/ 21							+								- +	4.
757 15		1														1 '
1 17												-				1.
15/ 15	2 2 sl				_											
TAL	3.163.0	1.4	4 . 7	1.1	• -	•	1,							<u> </u>		0. [
													9 (10		300	

restriction of the second

ZX, ZI No. Obs. Element (X) ٠, Mean No. of Hours with Temperature 5)32937 1360410 72531 34412 80.6 9.869 38.2 7.347 36.0 6.700 32.6 7.494 900 Rel. Hum. 1 32 F Dry Bulb 19.9 90 1235178 1338322 32378 29355 28.4 903 Dew Peint 900

MOSA 0.26-5 (OLA) USAFETAC

DE PAE SETANTIS JAS TANCH CATEATS 67- WENTSEVESS WHAS

PSYCHROMETRIC SUMMARY

STATION	FAMSTEIN AS	STATION NAME			74-67		YE	ARS				MON	
										1 ي ۾ د]	1500	- <u>Ú</u> d
Temp.					RE DEPRESSION					TOTAL		TOTAL	
(F)	0 1-2 3-4 5	.6 7.8 9.1	0 11 - 12	13 - 14 15 -	16 17 - 10 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 + 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew F
2.1 55		•.	•							L.	38		
4/ 5!	• 1.	• 4 • 1	. • ì									Ĩ	
12/ 51	•: 1•? 1•1	• 1								٠,	. 5	5	
4./ 43	• 1.7 1.1	•2 •1									<i>(</i> :	15	
4 - 7 47	.1 2.1 .	• 2									- 1	13	
4. / 45	3 5.0 3.5	• ?									75	41	_
14/ 43	.2 1.7 2.0	• 2 • 2								4,	47	50	
677 41	4.5, 3.2,									2.	13	· č.	
a. / 31	.2 5.6 1.2	• 3								,	7 °,	58	
7 / 37	1.6 7.3 3.4	• 2								111	111	. 9	
7-1 35	.2 3.2 1.9	• 5			•			-		5	78	06	
34/ 33	.5 5.0 7.1	• 1								, i.	5.1	116	1
21 71	.1 5.1 1.2			-	•			•			5 .	94	
11/ 27	7.7 1.;									-1	÷ 1	94	
73/ 77	. 5 . 5 . 7		•		•				*		33	55	1
25/ 25	1.6 .6									14	1 4	31	_
24/ 23	1.4 .2		- *	-	• • •	•			p-	1	15	17	
12/ 21										•	•	i.	
20/ 17		• •				•						1	
1 / 17												•	
10/ 15					•	• •							-
14/ 13													
1./ 11			•	*	• •	• • •				*			
STAL	4.965.325.7 2	9 4	• 3								. 7		7
				-		•				3 D		9 0	
												, 5	
		• •				++-			-	•		-+-	
						•	+ +						
	,						1		:				
		-	+ +		+- +	-	• • •			•			
			1		•								
												-	
				:						1			
Element (X)	ž _X '	ZX	X	· R	No. Obs.			Mean No.	d Hours wit	h Temperatu	10		
Rel. Hum.	5113249	73694		9.375	933	2 0 F	1 32 F	+ 67 F	≥ 73 F	+ 80 F	• 93 F	T	-101
Dry Bulb	1314477	33917	37.6		900		23.3						
Wet Bulb	1174282	31952	35.5		903		31.3				l		
Dew Paint	993994	29154	32.4	7.420	900		45.6						

PORATE DEIMATDLOBY BRANCH DEATERS 135 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FAMSIEIN AS SERMANY STATION MONTH 4-83 YEARS PAUE 1

7973+11 JC HOURS (L. S. T.)

Temp.			T BULB TEMPERATE						TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4		0 11 - 12 13 - 14 15 -	16 17 - 18 19 - 20	21 - 22 23	· 24 25 · 26	27 - 28 29	. 30 = 31	U.S./W.S. D	ry Bulb	Wet Bulb D	ew Pe
14/ 55		• •	3 1 3						1	1		
77 51		• 1. • 1 · · · · · · · · · · · · · · · · · ·	2 .2 .3					•	7		-	
-3/ 59	• 1								1.7	1.7		
- / 57	.1		2 •2				•	•	17	2 7	<u>1</u> .	
5 / 55			9 . ?						3	. 7	4	
147 53			5 •1				•	· · · · · · · · · · · · · · · · · · ·			14	
1 7 51	.1 .5 2.2		4 .3						55	4.5	1	
637 44	1.7 2.4		4		• • •					59	1 1	
4 1/ 47	.1 2.2 2.1		4						2 3	73	79	1
4:/ 45	.2 3.5 5.8		6				• · · · · · · · · · · · · · · · · · · ·		170	1.5	= 1	5
17/ 43	.2 1.5 4.3	2.0 1.2 .	1						. 5	+5	0.2	5
0./ 41	.4 2.7 2.5				-			-	75	76	95	5
4 / 7 ,	.1 4.9 3.6								: 9	99	76	7
/ 37	· 3 · 2 · 3 · 2	1.3		4				•	73	17	123	Ł
36/ 35	•1 2•3 2•3								4.7	47	93	11
34/ 73	•? 1•2 1•1	• 2			******		•		3.7	25	55	F:
2/ 31	• R								?	7	46	6
3 1 33	• 5								5	1	1.4	5
7 / 27	• ?								4	٦	4	13
101 25												4,
74/ 23												
2/ 21												1
77/1;	. 557 679 35											
O I A L	1.726.931.32	1.111.5 4.	5 1 • 2 • 5						6 . 6	. 0		3.
					·				9.10		9 10	
			•••••	+ + -	•				+	-		
		1						,				
			+ + + -		+			-	+			
] :			
		+	+		1	-						
Element (X)	ZX,	2 1	7 .	No. Obs.		·			h Temperatu			
Rel. Hum.	4561447	53470	70.514.360	900	1 0 F	1 32 F	≥ 67 F	∗ 73 F	> 80 F	• 93 F	Te	101
Dry Bulb	1881265	40654	45.2 7.066	900		1.4			-			9
Wet Bulb	1540059	36939	40.9 5.981	900		6.4			ļ			9
Dew Point	1162705	32019	35.6 6.962	900		30.3					1	9

BLUBAL CLIMATOLOGY PRÄNCH URBFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION AB GERMANY 1273-1478 HOURS (L. S. T.) PAGE 1

Temp.			,							DEPRES							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 25 - 2	27 - 28 2	9 - 30 2	31	7.5./ W.B.	Dry Bulb	Wet Bulb	Dew F
70/ 75						,					• 1						1	1		
14/ 73					•	• 1					•]						- · · · · · ·			
71/ 71					• !				• ?	_	• "						,	٥		
5. / 67							• 1		***********							-				
-5/ 55					• 1	. 1	د ه	1.3	-								12	13		
54/ 53		•						2.0								-	- 3	55		
127 51			. 7	• 7	9		1										, 3	7.7	ć.	
7./ 59		•				1.3		. 7	*					•			<u>2+</u> -	47		
1:/ 57		- 1		• 5			1.7										4 ;	40	9	
55/ 55	• 1	+		1.1		1.8		• 5	*			•					: 6	5.5	19	
4/ 53	. 1				1.4			. 4									Ü	£ 3	63	
72/ 51					2.2				<u> </u>	•	-						- 	77	82	
537 49				2.3	-	. 5	. 4										. 4	5.6	70	
49/ 47					1.3				-			-		•			7	6 .	67	-
45/ 45					3.2												11+	114	136	
54/ 43		A commence of the same			2.3				•		-			•		-	r. D	£ 0	93	
421 41	• 1	2.1	1.2	3.3	. 7												: 4	64	92	
40/ 32	• 1	1.5	2.2	. 5	• 3				•	•							๋	5.0	73	
3 1 37		. 4	. 4									1.1		1 -		i	3	£	94	
35/ 35		• 3		• 2					•						•	•	(753	77	
34/ 33		• 3															7.	3	17	
27 31		,				- 1				i									13	
10/ 29						+			+		+									
?₺/ 27			İ																	
25/ 25						-				-										
24/ 23		i i							1					1						
2/ 21		+		+						-	· · ·	-		.						
23/ 19 1											1									
15/ 1/			-	-								· ·				\rightarrow				
OTAL	14	5 7	1 4 4	10 2	17.41	4 >	11 0	, ,	, ,		-									,
JINL	• 4	7.0	4 7 0 0	1703	4 7 0 4 3	401	1107	7 • 1	306	1 • -	• 7					+	930	47 <u>D</u>	930	Ç
		Z _X '			E y	1		•	1	No. Obs	1			Ma M	. of Hours		T			-
Element (X)			3211		5038	E .	¥ 0	17.4		90		10F	s 32 F	a 47 F	_		- 80 F	+ 93 F	7	etel
Dry Bulb			7361		455			8.4		90		207	3 32 5	3.		. 4	- 50 F	4 73 7	'	
Wet Bulb			5480		3970			6.2		92			1.3	+	-	• 7		 	+	-
Dew Point			3860		3165		35.2			90			32.3			-		+	_	

DENRAL CELMATOLOGY RRANCH DIAFETHO BIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4

1 5140 PAMETEIN AS SERMANY A P = DAUE 1 15 0-17.6

		V=										HOURS (L	
Temp.					RE DEPRESSION					TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4	5-6 7 : 9-1	0 11 - 12	13 - 14 15 -			3 - 24 25 - 26	27 - 28 29 -	30 + 31	D.S./W.S.	Dry Bulb 1	Vet Bulb (Dew I
7 1 75		• 1		ice-secili ice		I • 2				t		.,,	
747 77					• 3	• 1					10		
70/71			• 1		•= •1 •	4 . 1	•			17	17		
7:1 59			• 1	• 7	.8 1.7 .	1				, 2	3.2		
52/ 57		• 1	• 7	1.71	.3 .4 .	1				. 0	36	i	
55/ 55			3 . *	• 5 1						. :	2.1		
4/ 53	• 1		3 1.		• 8					4	- •		
2/ 51	• 2	•2.1•	5 1.7		• 9					5.7			
1/ 59	. 7		3 1.1	2.1	• 3					2	" د	Ł	
5-7 57	•3 •3	•7 •2 1•			• <u>B</u>					. S	50	9	
5 1 55	.1 .1 .2	1.1 .4 1.	3 1.9	• 9	• 2					. 3	6.3	43	
4/ 57	.? 1.	1.2 1.9	4 1.4	. 4						٠.		56	
52/ 51	1.4	1.5 1.5 .	7 1.2	• 2						- 2	6.2	96	
50/ 40	.3 .1 .5	1.7 1.3 1.	4 1.1	• 2						5.5	5.8	75	
43/ 47	1.7 1.4	.7 1.3 2.	1 1.							70	73	7.3	
45/ 45	.1 1.5 2.7	4.1 3.0 2.	5							105	125	96	
14/ 43	.4 1.4	1.4 1.4 .	3							4 5	45	36	
11/ 41	.1 1.7 1.3			. !						. 3 d		n 5	
9 ./ 37	1.0 .8	• 3 • 3		1						23	2.0	96	
34/ 37	•1 •1 •2									. 4	4	101	
35/ 35	•1 •2				· ·					7	3	49	
34/ 33	• 1								_ L	1	1	11	
2/ 31			8.1	İ						,		4	
31/ 29													
25/ 27													
25/ 25													
24/ 23								i i					
321 21													
25/ 13													
15/ 17						1			1				
15/ 15			i	1									
1_/ 7													
STAL	. 7.712.7	14.113.214.	313.1	11.1 7	3.3 1.	. 7					r. D		ç
		1.								900		430L	
Element (X)	z x,	Zg	X	₹ _A	No. Obs.			Mean No. e					
Rel. Hum.	2715467	45424		18.923	9 3 9	10F	1 32 F	≥ 47 F	+ 73 F	- 80 F	• 93 F	T	erel
Dry Bulb	2597646	48534		9.348	900			10.1	1.6	ļ			
Wet Bulb	1359290	40526		6.190	900		. 4	. 1					
Dew Point	1142510	31218	34.7	8.153	900		34.6						

SLOPAL CLIMATOLOGY BRANCH JOAFETAC ATT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 - 10 11 . 12 13 . 14 15 . 16 17 . 18 19 - 20 21 . 22 23 . 24 25 . 26 27 . 28 29 - 30 = 31 D.B./W.B. Cry Bulb Wer Bulb Dew Point 137 75 247 73 14/ 71 • 3 7 7.1 53 • 5 . . 23 5 / 67 • 5 7. .5/ 55 . 7 4/ 53 2.4 1.3 1.4: 1.3 69 • 2 • 1 • 7 • 1 • 1 • 2 • 2 • 2 .1 51 41 50/ 59 1. 1.6 .9 1. : 1 • 1 • 1 2.2 $\frac{1}{2}$ 1 57 <u>• 1</u> 15/ 55 .3 1.4 1.7 1.8 1.6 19 •4 1•3 1•7 1•8 1•9 1•7 •1 2•7 1•2 1•4 •7 1•3 •2 •7 1•1 •3 •7 •9 14/ 53 48 11 51 3 63 72 9 .7 1.1 53/ 49 • 2 39 13 14 1.5 4:/ 47 .6 1.9 1.0 1.3 1.0 £ 1 91 31 15 2.4 3.7 2.5 4.4 2.3 4-/ 45 91 141 14/ 43 5 ? 131 23 42/ 41 1.3 1.6 .9 1.0 59 47 47 89 43/ 37 1.3 1.4 • 2 1 31 31 74 74/ 37 • 2 136 79 75/ 35 • 1 7.5 61 34/ 33 16 **ਰ**ੇ 721 51 ٤4 10/ 29 23/ 27 25/ 25 741 23 47 22/ 21 23/ 19 17 13/ 17 1.5 15/ 15 STAL .7 9.814.814.915.113.312.310.1 5.4 2.1 1.1 950 970 933 Element (X) Zx' Mean No. of Hours with Temperature 2931106 48428 53.819.023 930 ≥ 67 F = 73 F = 80 F = 93 F Rel. Hum. 1 0 F 1 32 F Total 2535271 Dry Bulb 47147 52.4 8.532 900 5.1 03 44.2 5.995 900 1791298 39788 Wet Bulb 1.1 1127402 30994 34.4 8.172 903 36.9

BM 0.26-5 (OLA) REVISED MEYIOUS EDITIONS OF

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USAFETAC NORM 0.26

SECRAL CEIMATOLOGY REARCH JUAPETAC AEX HEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 Tell 4 7 A MISTER A 3 GERMANY T4-83 ARS MARK MONTH

STATION STATION AME

PR 3F 2170-23-3 HOURS IL. S. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F)

TOTAL TOTAL

Temp.									TURE DEF						TOTAL		TOTAL	
(F)	0 1	- 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16 17 -	18 19 - 2	0 21 - 22 2	3 - 24 25 - 26	27 - 28 29	- 30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb C	ew Poi
16/ 55				,				• 1	Ī					10	1	1		
4/ 55				• :				**							1.3	10		
12/ 51	•			• 1			7 . 4	• 1						,	1	1 5.		
40/ 59			•	• 6	2	1.		• 3							1	7.1		
57 57		• '	• 1	•	1 .5	•	• 1								I.	1	1	
5-1 55	•	• 4	• 3	1.		1.3	4 . 7								4 1	41	14	
14/ 53		• ີ	1.1	1 . 7	1.3	•	. 2								- 4	4.4	11	1
2/ 51				1.	7 1.	•	. 1	£ •							5	÷ 5	. 0	1.1
13/ 40		• 5	2		7	•	4								5	r 5	51	7
44/ 47				? ? • 1	4										1	51	5.6	_ 2
41/ 45			5.1		2.4	-	• 1								1.2	15>	93	E 1
84/ 43				1.			-								. ي	E 0	٦ 5 °	40
427 41				-	1.0	• 1									5	3 4,	104	74
43/ 39		-		1.0											<u> </u>	3.	63	79
39/ 37	-			1.2											2.5	65	119	£ 6
30/ 35				• 1	1										3	4.7	- 72	1,5
F4/ 33	,		1.	• 4	•				·						. 2	22	5.9	76
137 31		• 8													7	7	49	5 2
321 51		. 4	• 7											i	1 3	1	14	75
701 27															1		5.	100
75/ 25										Ī				1/4			5	→ 1
24/ 23																		. 2
2/ 21		i		ì														2 "
13/ 17					+		+			1								1 1
15/ 17				1						Î								- 1
16/ 15					+		+											
STAL	1.42	3 . 4	32.7	21.2	12.3	7.4	2 . 3	• 7 ⁱ	i							31. 3		9.0
				-						-	+				900		975	
							1		Ì	i				:				
					<u> </u>						 				-			
	1	1		16			!							i		188		
					į						-				ļ			
												1						
-							i.											
Element (X)	Į,	ι'			ZX		X	*A		Obs.				of Hours wi	· · · · · ·			
Rel. Hum.			7585		513			15.29		900	10F	1 32 F	≥ 67 F	≥ 73 F	≥ 80 F	▶ 93 F	To	101
Dry Bulb			3331		438			7.37		903		1.7						90
Wet Bulb			3541		367			6.10		900		7.5		ļ	ļ			9,5
Dew Point		114	35 b 3		313	3 7	34.8	7.63	9	900	l	35.1						80

PEVISED PREVIOUS EDITIONS OF THIS FORM ARE DISC

0.26-5 (OLA) M

SAFETAC FORM 0.26-5

1 5141

STATION

SERBAL CLIMATOLOGY BRANCH BRAFETAD ATE REATHER SERVICE/MAC

PAMSTEIN AB BERMANY

STATION HAME

PSYCHROMETRIC SUMMARY

YEARS

LD

MONTH

ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 3/ 75 •1 •7 14/ 77 • 1 72/ 71 • 1 1 59 67 • 3 • 2 5/ 55 • 3 710 2 1 3/ 61 1:1. ./ 59 . 7 . 4 • 1 190 • 6 1 3 13 4-1 57 1:7 32 61/ . 6 2 7 297 137 4/ 50 350 1.1 216 21 477 5.1 .8 1.7 407 • 1 312 52 3/ 43 . 1 .9 1.5 350 1.2 35. 422 65 1.8 1.5 1.3 3.7 4.0 2.5 41.1 47 • 3 . 9 474 474 483 167 40/ 45 2.0 1.0 955 91 6 625 450 3. • 2 1.5 • 3 34/ 43 1.5 532 532 367 ·1 2·9 2·2 1·5 . 5 42/ 41 525 636 463 520 4.2 3 ? • 3 . 4 431 2.4 5:3 699 543 503 2 / 37 3.4 2.2 134 • 6 415 822 •1 3•5 1•5 •2 2•3 1•2 35 3 - 5 3 7 3 603 7:8 34/ 33 717 530 -21 31 1.6 154 • = 1:4 395 497 73/ 20 1 7 157 218 536 20/ 27 .1 1.7 • 3 1 5 155 196 788 75/ 25 1 77 362 24/ 23 33 252 12/ 21 232 16 25/ 17 1 132 15/ 17 €7 1:/ 15 3. 14/ 13 11/ 11 1 1 13/ Element (X) Meen No. of Hours with Temperature ×67 F = 73 F = 80 F = 93 F Rel. Hum. 10F 1 32 F Dry Bulb Wet Bulb Dew Point

1

THE PARTY OF THE P

SECRAL CLIMATOLOGY BRANCH Unafetac Alb Weather Service/Mac

PSYCHROMETRIC SUMMARY

5-14-3	RAMSTEIN AB	SERMANY		74-33							407
STATION		STATION HAME				YE	AAS				MONTH
									PAS	r	ALL HOURS (L. S. T.)
Temp.		WET	BULS TEMPERATUR	RE DEPRESSIO	N (F)				TOTAL		TOTAL
(F)	0 1.2 3.4 3 1.031.524.21	-6 7-8 9-10	11 - 12 13 - 14 15 - 1	16 17 - 18 19	20 21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 + 31			Wet Bulb Dew Pe
114_	1.031.524.24	3.7 9.4 7.7	5.3 3.7 2.	2 .5 .	. 4				71 - 8	7,,0	7198
								71		•	
									-	•	
				· - • • · · · · · · · · · · · · · · · · · 						•	
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				1							
			and the second s								
*	-				•	-			•		
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								11			
				, ,				-	•	•	
											11
				1							
		++			++-			-			
					11			.10.	;		
-									1		
				++	-+			+	-		
	÷	!			4		,				İ
				+	+						
						7					
lement (X)	2 x'	2 x	X °a	No. Obs.	٠		Mean No. of	Maura mid	Tapaca		
ement (A)	35253309		7.418.308	7198	1 0 F	1 32 F	± 67 F	≥ 73 F	- 80 F	→ 93 F	Tetel
ry Bulb	15754786	328790	5.7 9.780	7199		55.1	19.0	2.5		1	72
et Bulb	12227433	292091 4	0.6 7.214	7198		94.6	. 1				72
ew Point	8857852	246304 3	4.2 7.727	7198		299.2					72

USAFETAC NOW 0.26-5 (OLA) REVISED REFUNDUS EDITIONS OF THIS FORM ARE ORDORETE

SLOBAL DLIMATOLOGY BRANCH UNAFETAC ALA REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 5143	RAMSTEIN AB GERMANY	74-83		MAY
STATION	STATION NAME	YE AR\$		MONTH
			PAUL	2300-0725 HOURS (L. S. T.)

Temp.								TEMPERA								TOTAL	1	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 22 23	- 24 25 - 20	6 27 - 28 29	- 30 = 31	D.B./W.B.	Dry Bulb	Wet Buth	Dew Pei
7.1 59			1	• 1												1	1		
431 67			• ?				• 1	. 2								4	ય		
61 55			• 1					-								1	1	-	
4/ 53		• 1	• 1	• 3	• 1	• 3										•	ς	2	
52/ 51		- 1	• 2	• 5	. 4	• ?	_									17	17	č	
10/ 59				• 2												ź	•	2	
1 57	2	• 3	1 - 1	1.5		• 5							İ		•	4.4	iq Eq	15	
55/ 55		2.7	2.3	? . :	• 3	. • 🗓	. 1	1								0	٦,٦	9	
4/ 53	•	7.9		7.5	• "	• 3	• 2	2								115	112	62	č
2/ 51	• i	, 0	5.5	1.3	+			•								175	106	79	4
1/ 43	• 1	2 . 2	7.1	1.0	• -	• •										113	110	117	3
45/ 47	• 1	5.6		. 9												- 1	91	147	8
45/ 45	• 5	5.3	5.2	1.5	• 3											12 =	128	132	17
14/ 43	• 2	2.5				•								+		59	50	96	10
42/ 41		2.5		• 0												- 3	43	7 ô	9
1./ 39		1.5		• 2	·											٠2	42	6.3	
3. / 37	• 4		-	• ?												2.7	27	35	6
0/ 35		1.9			•											24	24	43	7
34/ 33	• 1	1.4														1.5	1 =	27	3
2/ 31		• 5			.									<u> </u>		+	5	16	2
27 27			1							ĺ								4	3
25/ 27			-																٠
3/ 25																			
24/ 23														+		•			
TAL	£ •	35 . 8	4	14.1	9.5	1.7	• 5	. 4							1				\$
+		-			·	-		++	i			+				9 5		930	
		-	-		•	-		+ +		-				+		+			
										}		1				1			
-												_		+		+ •		-	
			i			i													
								++				-+-		+		-			
													1				i		
lement (X)		2 x 2			Z X	-	1	-	7	No. Obi	. 1			Meen No.	of Hours wi	th Temperat	ure		
el. Hum.			9233		722	83		11.37	2		33	10F	1 32 F	≥ 67 F	- 73 F	- 80 F	+ 93 F	T.	etal
ry Bulb			3762		453			6.52			35					 -	1		ş
for Bulb		-	9479		422			5.89			30		2.0		 	 	+		4
Dew Point			7115		368			6.62			30		9.3		 	 	+		9

TETRAL DETMATCHOSY RRANCH DIAFETAC ATH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 0117 PAMSIETY AS SERVANY

7330-USGS HOURS (C. S. T.) 2649

Temp.			ET BULB TEMPERAT					TOTAL		TOTAL	
(F)	0 1 - 2 - 3 - 4	5 - 6 7 - 8 9 - 1	10 11 - 12 13 - 14 15	- 16 17 - 18 19 - 2	0 21 - 22 23 - 24 25 -	26 27 - 28 29 -	30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb D	ew Pe
14/ 53	•1 •1	• i			 			ч	4		
2/ 51	• 1	• 2	. 1	in the		1		i,	3	2,	
56/ 59	.1 .3	.3 .4						· 1	11	1	
5.7 57	• 4 1 •	• b • 1	V. U. L.					a	2.3	2,	
50/ 55	.2 2.3 2.3	1.4 .1 .	τ,			14		5.1	÷ 1	11	
1/ 53	•3 3•2 1•7				L			= 5	65	46	_ 1
7/ 51	.2 1.9 4.2		?					6.7	69	5 5	3
53/ 49	.? 2. 4.5	.5 .1						5.9	60	59	Ł,
4-/ 47	• 3 6 • 1 3 • 8		I					115	110	102	4
45/ 45	•5 9 • 5 7 • 1							177	177	138	1 4
44/ 43	4.0 3.4	• 2						7.1	71	0.9	٩
42/ 41	.5 5.2 1.7	• 9						7 c	78	105	
4./30	.4 4.7 1.4			4				1 4	54	57	1
35/ 37	.2 2.7 1.4							₹ 0	40	57	
	2.8 .9							34	34	51	t
34/ 33	1.7 .5							1	21	39	5
11/2/								1 /	19	7.2	3
27/ 27	2 • 2 • 1				+		-	1.	21	2 t	
25/ 25	• .								4	1	
24/ 23			+ +		·						
22/ 21				1							
75/ 19				- +	• • • • • • • • • • • • • • • • • • • •						
DIAL	3.249.934.9	8.7 2.2 .	9 . ?						731		,
				-	+ + + - + -	+		970		930	
					I .	1					
**********	• -		-		1			1			
						1		<u> </u>			
								10			
								-			
		1									
Element (X)	Zg'	Zx	7 7	No. Obs.		Meen No. et	Hours with	Temperer	ure		
Rel. Hum.	6146233	74995	30.610.305	930	1 0 F 1 32 F	± 67 €	≥ 73 F	= 80 F	+ 93 F	T.	tel
Dry Bulb	1997010	42620	45.8 6.968	930	4.	2					9
Wet Bulb	1768858	40115	43.1 6.432		6.	6					9
Dew Peint	1536569	37227	40.0 7.068		14.	9					9

JESPAL DETHATOLOGY, BRANCH UTGEETAD ATP WEATHER SERVICE MAC

PSYCHROMETRIC SUMMARY

STATION		STATION NAME				12	ARS				MONT	
									2 4 5 €	1	HOURS IL.	5.
Temp.		W	ET BULB TEMPERATU	RE DEPRESSION	(F)				TOTAL		TOTAL	_
(F)	0 1 - 2 3 - 4	5-6 7-8 9-	10 11 - 12 13 - 14 15 -	16 17 - 18 19 - 2	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb D	-w
4/ 53	• 1								1	1	,	
37 51	• 1	• 7 • 1							4	4		
57	2	5 5		1					1.	13		
1./ 57	• 2 1 • 1		• • • • • • • • • • • • • • • • • • • •		•	-			24	, 4		_
501 55		1.2 .2							14	44		
4/ 53	.3 2.4 3.7	1.7 .5	• :					-	- 1	5.1	45	
111 1	.5 2.3 4.2	•6. •1.							74	74	5.7	
C31 #3			. 1						8	53	-	
4 > / 47		1.3 .4		+					1 0	120		
4. / 45	•2 9•3 5•5	1.4 .5							1 5	155	-	1
44/ 43	3 4 2 2 3	• 5							. 73	73	98	1
92/ 41	.2 4.5 2.4	• 3							5.	55	92	
3./ 37	1.7 1.2 1.5		- A		• •				. <u></u> 35	5.) 35	79	
3 / 35	2.3 .5								73	35 3 3		
34/ 33	.1 1.3 .5				•		-		17	13		
12/ 31	.5 .1								. .	5-	16	
2./ 2,	1.0 .1				•			-	1 :	1 5	17	
2 / 27	. 7 . 4								ō		14	
7.7 25		•	•		•	•			•	•		
24/ 23												
757 21												
STAL	3.845.735.31	Fel 2.7	3 1	<u> </u>	+							_;
	I			1					1 3		935	
		+		· · · · · · · · · · · · · · · · · · ·					•			
							- 1					
		1				+	1		!			
		1		1	1							
					1							
Element (X)	Σχ'	ZX	X Ta	No. Obs.					h Temperatu	,	**	
Rel. Hum.	5122102	74354	60.510.231	930	2 0 F	1 32 F	± 67 F	≥ 73 F	- 80 F	→ 93 F	Te	tel
Dry Bulb	2736411	43769	46.3 6.712	933		3.2						
Wet Bulb	1301158	40508 37629	43.5 6.703	930 930		4.9			 		-	_
Dew Point	1300047	31064	73.3 0.703	A 2 J		13.0		l				

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TANKER OF PROTEST OF THE PROTEST IN

JETAR DEINATOLOGY BRANCH ATH WEATHER SERVICE/MAD

PSYCHROMETRIC SUMMARY

1 -147 HAMSITIN AS GERMANY 74-83 1 A Y YEARS STATION NAME MONTH STATION 7935-11.5 PAUT I

1.7

HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 7:1 77 7:1 75 747 73 • 1 7. / 71 • 1 . 5 7/ 59 • ! • 2 • 1 1. 1 • -5 1 57 • 2 • 2 • 1 1.? 13/ 55 • 3 1 4/ 53 • 1 • 1 • 1 • 0 • 5 . 9 3.2 0 7 .5 2.5 1.5 12/ 51 • 1 . 1 52 : 1 53 . 7 1.1 2.5 3.7 • 3 70 E 0 / 57 .5 1.5 3.1 1.7 1.7 7 77 18 5.5 2.2 1.4 55/ 55 .6 1.t 157 107 4/ 53 3.2 • 3 2.4 1.6 • 1 102 25 12/ 51 2.4 5.0 1.5 1.4 110 32 110 132 1.3 3.0 1.4 .3 53/ 49 71 50 11 143 45/ 47 2.9 2.2 . 4 . 5 149 3.3 3.4 1.1 1.1 3 176 211 44/ 43 24 . 9 . 3 1 . 3 112 •6 1 • 2 1 / 41 41 33 . . 43/ 39 • 1, 0 41 76 7./ 37 . 9 • 1 30 •1 10 10 42 35/ 35 13 43 23 4] 11 31 711 23 79/ 27 17 111 • 415 • 5 27 • 7 22 • 316 • 311 • 3 4 • 6 2 • 5 930 ZX, No. Obs. Mean No. of Hours with Temperature Element (X) Ŧ 53709 50513 93<u>0</u> 67.814.278 54.3 7.281 ≥ 67 F 4458353 10 F 1 32 F Dry Bulb 48.7 5.650 • 2 2236793 930 93 Wet Bulb 45306 43.2 6.437 1777639 Dew Point 43217 930

REVISED PREVIOUS EDITIONS OF THIS FORM ₹ 0 0.26.5

ARE OBSOLETE

● USAFETAC

i

1

1

BLORAL CLIMATOLOGY BRANCH BIAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 751+3 STATION PAMSTELV 48 SERMANY MONTH 12 0-14:3 HOURS (L. S. T.) 2431

131

Temp.					,			RE DEPRESSION					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8 9	· 10 11 · 1:	2 13 - 14 15 -	16 17 - 18 19 - 20	21 - 22 2	3 - 24 25 - 26	27 - 28 29 -	30 = 31	D.S./W.B. D	ry Bulb Y	er Bulb (De w
147 R7								• 1	• 1	• 2			ų	Ŀ		
2/ 91			•	•			+	.1 .4	• 1				· · · · · ·	· · · · · · · · · · · · · · · ·	•	
17,						•		.1 .3	T				_			
76/ 77						•		5 1 .		+	-		13	1 7		
75/ 75						. •		6 6					27	17		
74/ 73						• ? • !			•							
72/ 71					•		5 1.2 1.		7.				<i></i>	15		
73/ 59								5 1	· · · · ·				-	= 2 <u>5</u>	1	-
5/ 57				• 7	• 4	1.		4 .1 .1	1					1.17	4	
-				• 4	- 4	1.0	+	0 .5					3	45		
14/ 57		. 1		1.2		4.3 2.0							1 ,	100	l ć	
-2/ 51		• <u>1</u>		1.4		2 • 3 1 • 3		***************************************						- ; <u>0</u>	?5	
53/ 59		3				1.5 1.		. 1					4	24	3.5	
53/ 3/ 53/ 55		• 3 F		2.5		2 • 3 •		· ·			• •	+	. 2		3 <u>1</u> .	
14/ 53			1.3	1.9		2.7							5	£ ?	15	
27 51		• "	2.0		1.4	• 5 • 4	• •				-		45	51	1 22	
55/ 49		5.0	1.6	1.3	_	• 5									123	
4-/ 47	-	7.1	- 5		• 4	4			• • •	+- ·			23	2.2	109	
45/ 45		. 5	•	1.2		• •							. 4	44	07	
44/ 43		. 1	٦				+		+				1.3	10	34	
127 41		. 7	4		• 1								2	3	32	
4.1/ 34		- 4	• •	• •	-				•						2	_
7 / 37		•	1										•	-	19	
3-/ 35		•		•								-			***	-
34/ 33																
72/ 31			· · · →		+		-		· ·					-		
15/ 23		1	,													
1 27		•	1		•		• • • • • • • • • • • • • • • • • • • •	+	+							-
26/ 25				•				1	j.	+	ł					
24/ 23		• • •			-					-			•	•	•	
DIAL		8 . 1	12.2	13.2	15.31	7.511.7	7,10.0 7.	6 2.9 1.1	2	• 2		1		7.7		
•		+	-			1							938	•	975	
Element (X)		Z x 2			t _X	X	•	No. Obs.		 	Meen No. e	f Hours with	Temperatur	•		-
Rel. Hum.			3253		5184		15.832	930	1 0 F	1 32 F	≥ 67 F	± 73 F	- 80 F	• 93 F	To	• * •
Dry Bulb			1287		5572		8.835	930			20.2	9.1	1.4			
Wet Bulb			1745		4753		5.933	933			• 5					
Dew Point		175	3416		3993	42.8	7.072	930		3.9						

SLOPAL CLIMATOLOGY PRANCH L'OFETAC ASP REATHER SERVICE/MAL **PSYCHROMETRIC SUMMARY**

121

STATION STATION STATION W L Y 15 3-17-0 HOURS (L. S. T.) DA35 1

Temp.						TURE DEPRES						TOTAL		TOTAL
(F)	0 1 - 2	3 - 4 5 - 6	7 . 8 9	1 - 10 11 - 12	13 - 14 15	- 16 17 - 18	9 - 20 2	1 - 22 2:	3 - 24 - 25 - 2	6 27 - 28 2	9 - 30 = 31	D.B./W.B.	Dry Bulb	Wer Bulb D
2/ 97							• 1		•			7	7	
6/ 35						.			• 1 •	1		J.	7	
4/ 93						•1 ••	• 1	• 3					9	
37 31					• !	• 4	. 4	• 2				' 1	1.1	
_/ 75						. 4	• 3	. 9				1	1 >	
7 / 77					. 3	.3 1.4	• 5	•?					7	
761 75				• 1	-	.6 1.1	• 2						2.7	
14/ 73				•	- R	1.5 .5	• 6					27	3.7	
7:7 71			• *	• 1	1.1	1.4 1.2	• 1						47	
7:1 59			• 7	. 5 1 . 7	2.2	•5 •5	• 8				155		1.3.	<u>.</u>
6 7 57			• 1	• 7 1 • 1	• 5	.5 .8	• *				•	0.7	4	4
15/ 55		• 1 • 5	. 4	. 1 1.	1.4	. 2 . 1						4.8	43	4
.4/ 53		•1 •3	1.2	4.5 1.3	2.7	1.3 .3	-		-		·	11.	113	31
4. / 4.1	• 1	4	1.4	1.3 2.7	1.7	.2 .2						7	70	3 t
52/ 57°		.2 .5	2.4	1.7 1.5	1.5	• 1	•	•	•		•	1	7 5	49
1 57	• 5	.7 3.2	1.1	1.2 1.2	. •							7	70	16
5-1 55	,1 ,2	1.0 2.3	1.0	1.4 .6		=						. 6	56	ند 8
4/ 53	• 3	1.1 1.5	. 5	.1 .5								3:	=	144
77 51	1.1	1.3 .4	1.0	.1 .2			*	•	•	•	•	. 4	44	116
13/ 49	1.1	1.4 .5	• 2	• 5 • 2								2.7	7 7	1 7
4-/ 47	1.4	•1' •5'	. 4	. 4	•		-			• • •		· · · ·	37	. 6
157 45	• =	.4 1.2	- 1	• 3								2.4	24	• 5
44/ 48		• 4 • 2'					-	_		•			3	= -7 <u>5</u>
42/ 41	. 3	. 1										4	ц	23
4 3/ 37	• 1	•		•			•				•		1	25
3-1 37	. 21											~	**	5,
35/ 35		• •	•	•	• • • •	•	•			•	•	*	•	1
34/ 33														
22/ 31	•	+ · - •			•					-			•	
13/ 29							- 13			1.5				
2-1 27	• •								-	+		1	-	
25/ 25														
24/ 23			-				-	10		•		+		•
2/ 21					. 0		1	N.						
Element (X)	2 X 2		, I	X	•,	No. Obs	. [Meen No.	of Hours wi	th Temperatu		
Ret. Hum.								10 F	≤ 32 F	≥ 67 F	■ 73 F	- 80 F	• 93 F	T.
Dry Bulb														
Wet Bulb														
Dew Point														

i

PSYCHROMETRIC SUMMARY

1

M A V PALF 1538-1776 HOURS (L. S. 7.4

Temp.													PRESSI								TOT	AL _		TOT		
(F)	0																		29 - 30	a 31	D.B./	W.B. D	y Bulb	Wet B	ulb Dem I	Pair
7111	•	i '•	t 4	. 51	2.4	1 .	214	. = 1	4	11.	S 8,	. 5 7	.5 3	. 7	1.5	• 1	. 7						•			اد
										. =						-•					· . '			. 7	۲ <u>٦.</u>	
																				•		-			-	
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	•	4 🗏 🗄	•	-	•		-	-		•	-	•	•	-		-		•		•	•				•	_
	•	•	•	•	•		•	•			•	***	•	-		-	•			•		•	•	•	*	
	•	•	•	•	•		•	•			•	•	•	-							•				•	
																							_			
								-			•	-	-							•	+					
											•	-	-				-	-		+	•	-			•	
Element (X)	•—	2 g'		-	-	E g	-	1	_	•,	. 1	, No.	. Obs.	T-				Meen No	. al M	aws -1	& Tom	oreture	_			—
Rel. Hum.	•		3745	3			591			17.7			93		2 0 F	2 32	2 6	+ 67 1		73 F	. 84		• 93 1		Tetal	
Dry Bulb	•		856				767	6		9.3			935			1	1	27.		13.9	_	2 . e				y ?
Wer Bulb	1		1443			43	244	5	1.7		_		93)						4		1	-				у.
Dew Peint	•	171	227	7 3			327		2 - 3	7.2	21		930			1.3	2 , 1		+					-		53

JULIAND CLIMATOLAGY RRANDH LIMIETAD BURNEST IN SERVICE /MAG

PSYCHROMETRIC SUMMARY

1 -1+7 WAMETELN AS CERMANY 74-33 14 J-2001

- C.

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 - 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.8./W.B. Dry Bulb Wet Bulb Dew Point (F) 5/ 27 -1/ 55 4/ 47 9 1 1 • 2 . 3 . 1 1.1 • 1. 7 : 71 • 1 17/ 50 2.2 .5 57 151 • • 5 : - 4/ 101 2 • 4 2 • 5 2.. 1.2 70 37 ./ 5; 9 30 1.3 ?.4 . 9 1 • 4 • 14 • 9 3.2 7 . 7 7 17 24 37 5.5 5 / • 9 5 3 6. 1 · 3. 41 : 3 • 1 121 5/ 51 • 7 1 1 1 2 1 7 1 4 1 1 7 1 9 --/ 40 : <u>3</u> + 0 179 4 7 47 173 79 47 74 1:/ 4. 712 . 4 . 5 20 1 1.1 14/ 43 114 45 71 927 41 54 57 1 / ₹, 1 1 37 1. -1/ 35 - 1 14/ 33 7/ 31 --/ 2: / 25 4.1 + 73 F + 80 F 2 32 F Wer Bulb

Reside Mercus fortices or MAK 84 0.26 5 (OLA)

M)

SESSAL CLIMATOLOGY BRANCH USAFETAC N'R WIATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	TAASTETY AS	SERMANY STATION HAME		74-33			EARS				MONTH	
									? ر 🛦 د		1 : 10 - 2 HOURS (L. S.	<u>0a:</u>
Temp.		WE	T BULB TEMPER	ATURE DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1-2 3-4 5	-6 7-8 9-1	0 11 - 12 13 - 14	15 - 16 17 - 18 19 - 2	0 21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 - 31	D.S./W.S.	Dry Bulb W	et Bulb Dem	Pei
7 1 -	•1 7•211•111	• 312 • 715 •	412.317.0	7.8 5.5 2.	2	• !			; ;	93	973	c ?
							•					
				•			•		•		-	
	• • • • • • • • • • • • • • • • • • • •	transfer () transfer wher	•••				······································	•	•		-	
•	de p one								•			
			•						· ONE AND ADDRESS		•	
•				A COLUMN A C		•						
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							•	•				
	- • ~ · • •				• • •		+		•			
	• •	• •			+	•		•	•			
•				ij		•	Ц					
							W					
ement (X)	2 1,	2 g	7 .	No. Obs.			Meen No. of	Maura wid	Tomoses		•	
I. Hum.		47475	53.217.8		2 0 F	1 32 F	€ 67 P	+ 73 P	→ 80 F	- 93 F	Terel	
Bulb	2929737 3513466	56548	60.8 8.9	91 935	1		22.0	10.2			1	9
1 Bulb	2469856	47630	51.2 5.7	28 937			• 1					۲,
w Point	1696856	39164	42.1 7.1			10.6						9

MAK 44 0.26-5 (OLA)

30/ 35

351 31 351 31

20/ 27

24/ 23 TOTAL

. 217. 427.723.113.1 7.4 5.5 2.6

39538

107

Dew Point

BLURAL DELIARIOLOSY RHANDH BESFETAC ATR AEATHER SERVICE/MAS

PSYCHROMETRIC SUMMARY

131

43

21

25

620

STATION	STATE AS SERMANY	7 4 - 5 3 YEARS							
			عرود	:	21,3-				
Temp.	WET BULB TEMPERAT		TOTAL		TOTAL				
(F)	0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15	- 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D	1.8./W.B. Dr	y Bulb Y	Not Bulb D	ew Pe			
15/ 75	•1	•	1	1 2					
74/ 77	•1 •1		t.						
727 71	•1 •? •1 •2	•1	ï	7					
73/ 59	.1 .2 .4 .3	• • • • • • • • • • • • • • • • • • • •	13	i 7					
6 / 57	• 3 • 2 • 4 • 2	• ?	17	. 7					
6/ 55	•1 •3 •' •3 •9 •3	• 1	٦٤,	218	4				
4/ 53	• 2 • 1 1• 2 • 4 2• 5 • 5 • 5	• 3	. 2	5 2	5				
51 51	·1 ·2 ·7 2 ·7 1 · 5 · · · · 3		15	60	٤				
53/ 53	•1 1•4 1•7 2•2 •9 •6 •3		55	60	15				
57 57	•1 •5 ?• 3•3 1•5 •9 •2 •1		7.7	77	32				
51 / 55	.9 2.7 4.5 1.4 1.7 .3		107	137	46	1			
4/ 53	• 9 3 • 3 • 1 1 • 2 • 4 • 6		37	63	107	1			
2/ 51	2.2 5.5 2.4 1.1 .3 .7		115	113	9.8	9			
53/ 45	1.3 2.7 .9 .3 .1	• • • • • • • • • • • • • • • • • • • •	49	47	140				
45/ 47	• 5 4 • 3 2 • 3 1 • 5 • 4 • 3		5	55	152	13			
45/ 45	•1 3•1 3•1 1•5 •5 •1		7 =	79	114	15			
44/ 43	•4 •5 1•3 •1		رد 2	23	69	13			
427 41	1.3 .7 .4 .1		2.5	25.	44	6			
411 33	• 9 • 5 • 2		14	14	7.5	5			
301 37	• 2 • 9 • 1		10	10	25	6			
35/ 35	•1 •5 •1		7_	7	17	4			

6

ZX, Element (X) No. Obs. Mean No. of Hours with Temperature 4517565 2749785 Rel. Hum. 63271 52105 930 10 P 1 32 F ± 67 F = 73 F → 80 F = 93 F 4.2 93 Dry Bulb Wet Bulb 2205845 44973 48.4 5.783 930 93

42.9 6.856

.

4.

JECTAL CLIMATOLOGY PRANCH JEATETAC ATRINEATHER SERVICE/MAC

YVAMSEL NETTOMAS

PSYCHROMETRIC SUMMARY

2A15 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | a 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Point 9/ 07 5/ 35 11 • 1 19 19 . 1 521 31 • 🧓 . 1 • 1 • 1 • 1 7-1 77 • 1 • ? • 3 751 75 . 1 . 2 14/ 73 . 5 . 2 . 1 15:4 72/ 71 . 5 . 1 . 6 . 3 1 4 1 141 • } 73/ 59 154 501 67 . J •1 . ? . 2 144 1 - 4 11 5/ 65 195 27 4/ 53 • 5 55 2.3 460 462 • l 12/ 51 43/ 59 • 9 314 3 = 4 . ? . 5 1.3 1.R • 7 . 0 1.3 • Ó 437 437 167 24 11/ 57 1.1 2.2 1.1 1. . 4 433 331 5? 55 .3 1.3 1.7 • 3 1.1 597 416 y] .2 1.5 2.3 2.1 .1 1.7 4.1 1.0 . 9 14/ 53 746 177 51 . 0 . 2 318 513 774 613 53/ 49 .1 1.7 3.5 • 3 436 495 971 .1 4.7 2.2 43/ 47 • 3 530 575 57 c .2 4.2 3.5 45/ 45 1.2 877 1467 43 .1 1.5 1.3 • 5 539 902 2-5 .1 1.9 42/ 41 1. 255 436 6ê7 .1 1.5 175 43/ 39 . 7 175 375 647 35/ 37 • 3 36/ 35 1.3 99 425 29 156 3+/ 33 120 354 • 5 32/ 31 • 3 32 214 • 1 . 2 67 21/ 29 47 235 25/ 27 . 1 1 244 25/ 25 76 24/ 23 31 72/ 21 24, EX No. Obs. Y Mean No. of Hours with Temperature

± 32 ₱

10F

= 47 F = 73 F = 80 F

OLA 0.26-5 (OLA) HUSSE MEVIOUS EL

SAFETAC NOW

Rel. Hum.

Dry Bulb Wet Bulb Dew Point 2

SEUBAL CLIMATOLOGY RAAVOH UMAFETAD ATRI WEATHER SERVICEMAC

PSYCHROMETRIC SUMMARY

STATION	×44515	IN AB SE	TATION NAME			74-53		ve.	AR\$				MON	
STATION		•	TATION NAME								r A S	r	A HOURS IL	
Temp.			W	ET BULB	TEMPERATU	RE DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4 5 - 6	7 - 8 9 -	10 11 - 12	13 - 14 15 -	16 17 - 18 19 - 1	20 21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
20/15									İ		'			
STAL	1.423.4	24.714.4	9.5 B	9 5.2	4.0 3.	1 2.1 .	y • 3	•1 •5			7443	744	7440	744
											. 4 4 7		1446	
											• • •			
	•							III I	-				-	
										_ +				
				-										
		-	-								•			
•					•						•			
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	MANAGEMENT SPANNER TO SE										+			
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+							+ +	-++	15.	-+	-		-	
			+								i		i	
				+ +	-	+	+ +	-				+		
					j -									
							+ + +	-		1	+			
	14													
Element (X)	Z X 2		Z X	X	•	No. Obs.	I		Meen No. e	f Hours wid	h Temperati	110		
Rel. Hum.	35 S D	982	497424	66.9	18.508	744.	10F	1 32 F	≥ 67 F	∗ 73 F	≥ 80 F	- 93 F	T	otel .
Dry Bulb	2241	7547	401669		9.922	7440		7.9	79.2	34.3	6 . 3	?		74
Wet Bulb	1742	7363	356523	47.9	6.789	7440		13.6	1.4			-		74 74
Dew Point	1345	7919	312101	41.9	7.310	7440		81.5			1			74

SLUBAL CLIMATOLOGY MRANCH JEATETAD ASSONEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

SAMSTEIN AB GERMANY STATION HAME DASE ! 1000-0750 HOURS (L. S. T.)

					w== -			A. D. D. D. D. C. C. C. C. C. C. C. C. C. C. C. C. C.	183				T-0			
Temp.		-11.4		1	WETB	ULS T	EMPERATU	RE DEPRESSION	(P)			20 . 20	TOTAL		TOTAL	
(F)	0 1	. 2 3 - 4	1 5 - 4	7 - 8	9 - 10 1	1 - 12	13 - 14 15 -	16 17 - 18 19 - 2	21 - 22 2	3 - 24 25 - 26	27 - 28 29	- 30 0 31	U.S. W.S.	Dry Bulb	Wet Bulb	Dew Pe
7: / 77	- 4				1.1	• 4					i					
74/ 73			•		• !	• ?	• 1		-					4		
77/ 71				• 2				".	i					2		
70/ 57				• 1	• 3	• 1					,					
51 57		•	•	• 7	• 2								1 1			
45/ 55		• 4	6 • 5 9 4 • 2	. 2	-								17		4	
+4/ 53	4	• ? ? •			4								107	• -	15	
52/ 51	• 1, 2	.2 3.	J 5 . 5		• 1						4		. 4		57	
-1/ 59	•		4 2 . 2										- 9		(3	4
5-1 57	.7 4			• 3									11		128	5
55/ 55		.3 3.		• 1									100		139	Ė
4/ 53	• 4 3		7 2 . 3										13		119	12
2/ 51		.3 5.			• 1	• 1		3					É		75	13
73/ 47	1 hours							-					- 5		99	b
4:/ 47			5 .3	-	• 1								<u> </u>		100	7
41/ 45			? .4										37		61	13
04/ 43	• 2 1		• 3						- 1				1 4		35	7
42/ 41		• ?	• 5										+ 7	7	19	4
43/ 39			• 1										ł	1	4	1
35/ 37		- + •											1	1		
Jul 35		•	Y_{\parallel}										1	1	4	
34/ 33			ļ												2	
32/ 31		i	1												1	
30/ 27			1			-										
2-1 27			1					1			1					
25/ 25			+					31	1					•		
OTAL	7.736	. 235.	118 · B	4 . 3	1.7	• 7	• 1							5.0		9.,
					-								900		9°0	
											ļ		1	+		
		,												1		
				-				+	++	+	-	-	-	-	+	
							1									
Element (X)	ZX			Z _X	1		• 8	No. Obs.				of Hours wit				
Rel. Hum.		33851		7219			C.408	930	10F	± 32 ₱	≥ 67 F	≥ 73 F	- 80 F	• 93 F	1	etel
Dry Bulb		35672		5040			6.128	900	ļ	J	2.4	- 6				ς
Wet Bulb		52630		4739			5.788	930		• 1						9
Dow Point	2	27343	6	4484	8 4	9.3	6.553	900		2.2		1	1			91

JERFAL CLIMATOLOGY PRANCH JOAFETAC RIK VEATHER SERMICE/MÁC

HAMSTEIN AS SERMANY

6351739 2543461

2307805

2136367

75167 47555

45247

43121

83.5 9.077 52.8 6.302

50.3 6.062

47.9 5.699

1 5147

PSYCHROMETRIC SUMMARY

90

90

PAGF 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 - 10 11 . 12 13 - 14 15 . 16 17 . 18 19 - 20 21 . 22 23 . 24 25 . 26 27 . 28 29 - 30 a 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 57 .1 .1 51 57 :5/ 55 • 1 1 14/ 53 1.2 .1 3.3 2.3 1.4 52/ 51 6 1,6 2.9 4.9 1.1 1.1 59 .7 3.9 5. 1.4 1.2 8.1 4.3 2.3 .3 5.0 2.9 .3 3.9 5. 57 - 3 98 73 38 5 ./ 55 4/ 53 95 126 133 38 34 4.3 3.9 3.2 3.6 12/ 51 1/ 49 67 95 33 67 1:/ 47 5.7 1.1 • 1 7 1 97 81 45/ 45 .1 B.7 1.4 : 1 91 92 149 44/ 43 . 2 2 . 5 • 7 • 2 42/ 41 .5 1.1 2 : 23 35 73 4./ 30 . 5 . 4 17 3-1 37 1) .1 • 1 10 31/ 35 • ? 34/ 33 32/ 31 11/ 29 22/ 27 75/ 25 21/ 23 27 21 FOTAL 5.349.732.311.4 1.3 950 900 900 ZX No. Obs. Element (X) X •, Meen No. of Hours with Temperature

900 900

900

1 0 F

1 32 F

74-53

sensited the

0.26-5 (OL.A) REVISE MEYIOUS EBITIONS OF

SAFETAC NOW 0.

Rel. Hum.

Dry Bulb

Wer Bulb

Dew Point

24.45

SLOBAL CLIMATOLOGY BRANCH JEAFETAC ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

175142 PAMSTEIN AS SERMANY
STATION STATION NAME

74-83

M

PAGE 1

0600-0800 HOURS (C. S. T.)

Temp.											DEPRES								TOTAL		TOTAL	
(F)	0 1	. 2	3 - 4	5 -	- 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18 1	9 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 = 31	D.S. W.S	Dry Bulb	Wet Bulb !	Dow Pa
75/ 75							•	•			1		1		,	1				1		
74/ 73	-					•]									1	*		1		1	++	
72/ 71				•			•	!		,						,				2		
731 59					• 1															1		
51/ 57			•	4		• ?	1									•			ŧ			
56/ 55		• 1	•		. 4	. 1													ı	5	7.	
54/ 63	1	. 13		3 5						•								•	4 5	, ų r	3	
561 51	3	• 7	3.	4 1	. 5	• 1				•										7.3	24	
537 59	• 2 2	-		-		• 3													3	: 3	5.3	ذ
51/ 57			4.			• 2		-											102			3
54/ 55	.2 5	. 4	-		-	. 4	• 1	l l			10								134	134	04	B
-4/ 53	• i ?			3 1		. 1														86	130	3
,2/ 51	. 7 3	•			• ?						4 1								- 6			11
- / 49	• 3 2	. 7	3.	4	. 2														5/2	5.0	106	7
4= / 47	• • •	• 3		-	• 1	• 1				_									5.9	6.9	139	9
45/ 45	• 2 5				• 7					+									7.1			17
14/ 43	• 2 1		•		• 5						11								5			7
42/ 41		. 7	•		• 5				-	1									2.5	25	31	5
4 . / 3 ?	• 1	. ?	•		•?										1				ŗ	6	17	2
72/ 37	• 1	•?	•	-						ļ	N.								c			
35/ 35		ŀ	•	1	• 1						1									,	3.	
34/ 33			•																		5.	
2/ 31		i								0	3										1	
33/ 27		_					•	+	+	-						+					. 3	
23/ 27																1				1		
26/ 25	+								+										+		•	
24/ 23	-			1						4						1						
22/ 21		_			-+		· .	, .	ļ		+					-		+				
STAL	3.543	• 7	36.	913	• 5	1.5	• 3	5			!							1		9.3		90
				↓		_									,	-		-	700		930	
					į															1		
				+-	+			-		-												
Element (X)	Zz			+	- 2	×	-	X	· •,		No. Obs.	. 1				Mean M	o. of	Hours wif	h Tempere	ture		
Rel. Hum.			306)		740	05	82.2			90	a	101		32 F	+ 67		≥ 73 F	- 80 F	• 93	FT	etel
Dry Bulb			78			463		53.7			93						0	• 2				Ş
Wet Bulb	2	36	94)		457	75	50.9			90	o			. 4							4
Dew Paint			3679			435		48.4			90	_			2.5	• • • • • • • • • • • • • • • • • • • 	\dashv			+		8

AN 64 0-26-5 (OLA) NEVSED A

SAFETAC 10m 0.26-5

Advantage of

1 1-143 PAMSTEIN AS GERMANY 74-33 STATION NAME 3975-11.3 HOURS (L. S. T.) PAJF 1

121

Temp.				,,				DEPRESSION		- 1 -			TOTAL		TOTAL	
(F)	0 1	. 2 3 -	1 5 - 6	7 - 8 1	9 - 10 11 - 1	2 13 - 14	15 - 16	17 - 18 19 - 2	0 21 - 22 23	- 24 25 - 26	27 - 28 29	30 + 31	U.S./W.S.	Dry Bulb	Wet Bulb !	Dow Po
1 8 9				İ					• 1				1	1		
3/ 51		=												1		
41 31						_	• 1						4	3		
1/21						• 1		. 4					1	<u> </u>		
0/ 77					•		• 2						,	=		
7./ 77					•								,	12		
75/ 75					• 😘 1 •		• 1						2	2.5		
14/ 73					1.1 1.		. 1						. 74	35		
7.771				2 1.4	• 7 1 •								3 :			
73/ 59			3 • 2			•?		• 1					-1	71	1	
51/ 57		1.		2.3	• 2 •	4 . 1							3	.7	7	
-5/ 55		•? 1•			• f •		• 2	• 1					5 c	5.5	79	
-41 63	1	.7 2.	7 9.1	4.3									1 1	1 4 1	74	
527 51		• 7 3 •		3 2.7	• 3 •		• 1							92.	50	3
13/ 59		. 9 3.			. 4 .	3							:1	e Ú	9	4
55/ 57	• 3	. 7 2 .	7 3 . 5	3 . 7	•	1 .1							. 7	77	1 7 2	
55/ 55	• 7	·8 2 ·	1 3.	1.0	. 4 .	1							17	77	114	11
14/ 53	- 1	. 9 2 .											- 4	54	38	15
12/ 51		. 7 2.	7 .5	• 2	. 1			-					35	3.5	77	9
10/ 49		. 4 1 .	6										1 !	1 =	FO	7
4-/ 47	1	• 1 •	2 . 4	• • 3			. ,	Y-					1.7	19	67	9
45/ 45				<u> </u>									3	3	25	13
44/ 43				• 1			·	1					1	1	5	5
32/ 41															٠ .	
45/ 30	· ·					•									4	
33/ 37															. 1.	1
it/ 35																
34/ 33						<u> </u>										
227 31		-							D D							
70/ 29						1			1.							
20/ 27		Ĭ					1		0					•		
STAL	.7.7	. 324 .	31.4	17.4	3 . 3 5 . 1	3 2 . 5	1.1	• 8	. 2					8 > 9		89
										1.0		11	899		899	
Element (X)	2 1		+	2 x	1 1	-	\dashv	No. Obs.			Mean No. o	d Hours wid	h Temperati	//0		
Rel. Hum.		35131	 -	6148		12.7	55	899	10F	1 32 F	± 67 F	+ 73 F	- 80 F	- 93 F	T	etel
Dry Bulb		47673		5554		7.0		899		1	18.4	7.0		+	·	ý
Wet Bulb		31262		5003	_	7 5.5		399	 	 	. 8			+	+	9
Dew Point		35457		4564		6.3		899	 	1.2			 	+	-	9

USAFETAC NOW 0.26-5 (OL A)

SEPPRE STIMATOLOGY REANCH PARETAC BIT BEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

4

÷140	RAASTEIV	AD SERMANY			74-8	?			TARS				MONT	٧
STATION		STATION NAM	•					ľ			2101	· :	12 3-	14:
Temp.			WET BUILD	TEMPERATI	URE DEPRES	SION (F)					TOTAL		TOTAL	-
(F)	0 1 - 2 3 - 4	1 5 6 7 8 9					22 23	- 24 25 - 26	27 - 20 21	- 30 - 31		Dry Bulb		Pai
34/ 93			•			-+-	•	-	• ?	-	14	4	-	
7.7 31							• 1.	.1.			3	٥		
. / 37			•	•			. 7					7	•	
6/ 97							• 2							
2/ 95				• •	• 1		• 1		+			,		
4/ 53						• 2	•				7	•		
7/ 31	• • •		· . i	.3 1			. 1	•			7	32	•	-
4 / 77				1.2 2	.2 1.0	•					- 4	44		
7 . / 77			1.1	2.7 1	1 4	•	٠	•		•	4	1 11	٠	
15/ 75		.1 .4	1.1 1.8	1.1	2 ń	• ?								
74/ 77			1.4 2.3	. 2	.5		-	•	•		7	,		
7:1 71		٠ . ١ . ١ . ١	1.4 1.1	1.1	9 ?	-					5.	7 6		
1 / 57		.1 1.1	2.2 .7	. 5	. 3 . 7		-+ -	•		•		E -	12	
53/ 61	·	3 1.2	7.3 1.4		.1						5	5.5	۲2	
16/ 55	1.	1 1.5 2.3	1. 5 1.5		. 1	•	٠	•		•	7	70	2 3	
4/ 53	. 4	1 4-1 4-7	3. 1.2		• ?						135	1.36	≎ 5	- 4
2/ 51	.1 1.	1.7 3.3	1.2 .2		• 1		•				34	63	. 02	-
43/ 57	.1 .3 1.	3 1 . 3 2 . 7	1.: .1	_	• •						5.7	67	n 2	
5 - 1 57	7	7 1.5 1.2	.1 .2		•	• -		- •	• -•	· - • ·	4	45	174	6
5/ 55	. 4	1 2.7 .7	.1 .6								3.7		1.8	13
4/ 53		3 .5		•							2		- 6	,
12/51		5 .2 .?	• 1									,		15
33/ 49		9 .1		• • •					•	•	1.5	16	- 3	5
41/47		•										-	. 9	Ł
45/ 45		!		• •						-		3.	1	11
44/ 43	1 .										•	•		7
4:/ 41				•			- +-		• •	• • •			1	4
4 . 7 . 3 9													•	1
3 1/ 37		+		+			-		+		+			
15/ 35						,								
34/ 33		-				-			•	-	• •	•		
2/ 31														
3 / 2						-	+-		•		-		-	-
20/ 27														
lement (X)	Zg'	2 2	X	•	No. Obs.	7			Mean No.	of Hours wi	ish Tamperatu	70		
tel. Hum.			1	•			9 F	1 32 F	≥ 67 F	■ 73 F	- 80 F	- 93 F	Te	tel.
Dry Bulb		<u> </u>						T	1	1	-	1.5.		
Vet Bulb			—					† 	†		†			
			+						+		+	+	\rightarrow	

0-26-5 (OL.A.) REVISE MEVIOUS BETIONS OF THIS R

USAFETAC NOW 0.26-5 (OL A)

PERSAL CLIMATOLOGY RYANCH PERSAC ATRIBLATION SERVICEZMAC

PSYCHROMETRIC SUMMARY

STATION	- H 4) 1 ;	14 45	THE HOLTATE			74-87			EARS				MONTH.
											24.1		12 13-14. HOURS IL. S. T.
Temp.			W	T BULB	TEMPERATU	RE DEPRESSION	(F)				TOTAL		OTAL
(F)	0 1 - 2	3 - 4 5 -	6 7 8 9 - 1	0 11 - 12	13 - 14 15 - 1	16 17 - 18 19 - 2	0 21 - 22 23	- 24 25 - 20	27 - 28 29	- 30 • 31	D.B. W.B. D	try Buib W	et Bulb Dew Pe
10.	** * 4	.115	. 19.117.	717.7	8.2 7.	6, 4.2, 1.		•1.	. •1		· 11 2 13		°.
									•				
	,												
								tares •			11.66	= =	•
		• -	- •				***					. =	•
					··			٠					
		~•	• • • •	6					•	: :::::::::::::::::::::::::::::::::::::	•	777	•
				•		—	•	material (g) — material				-	•
		1	· Australia ·		•	•		•	•				
									-21. v.				
•													•
1 - 2 -		•				-+		•	•	-			
			•	<u> </u>)	•		-	•	•	• • •
<u> </u>			-	•					•	+			•
Element (X)	Z _X ,		Zx	T	7.	No. Obs.		+	Mean No. 4	Hours wid	Temperatur		· · · · ·
tel. Hum.	311	2112	51163	56.9	14.954	922	2 0 F	1 32 F	≥ 67 F	+ 73 F	• 80 F	+ 93 F	Total
Dry Bulb	112	7135	50437	67.2	8.739	900			41.7	25.4	7.4		
Ver Bulb Dew Paint		1729	51875 45303		5.81D 6.78D	900		1.9	4.4				9

0.26-5 (OL A) BEVIND METONS FORTIONS OF THIS H

SAFETAC NOW 0.2

PLEBAL CLIMATOLDSV SKANCH LAFETAD AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 14 T VA 45 IF IV A S SERMANY - 4 J. 1 1 30-1711 HOURS IL 5. T

Temp.			WET BULB TEMPE	TATURE DEPR	ESSION (F)					TOTAL		TOTAL	
(F)	0 1 - 2	3 4 5 6 7 8 9	- 10 11 - 12 13 - 14	15 - 16 17 - 10	19 - 20 2	1 - 22 23	- 24 2	5 - 26 2	7 - 28 29	- 30 - 3	1 D.B. W.B.	Dry Bulb 1	Wer Bulb D	ew Peint
5/ 97												1		
757 75								•	• 1	• 7.	. 1			
14/ 07								•	•		4	4		
'\ e1				•			•				5.		-	
7 / 90					• 1	• 1	• >				4	4		
-3/ 37						• `.						>_		
5/ 35				•	1 • 4							1		
-4/ 37				• 6	7 . 1	• 2.					. 1.	15		
12 15			•! •3 •5	7.4 7.	. 3						2	. 2		
4:1-7-			1.3	2.1 .	. 5	• 1				- 4	_ 5	53		
7 / 77		• 1	•4 •1 2•	1.7 .1	• 1	_					4 %	4 %		
15/ 75		• 4	.3 1.7 2.2	• 5 • :	3 . 6						2	?		
74/ 73	·	.3 .2	. 2.4 .3	.5 .1	. 4							4		
7:/ 71		• • • 1 • 6	1.1 1.0 1.4	. , , , , ,	+							57	1.	
77/ 59	0 !	.3 .4 .7	2.7 2.1 1.8	. 4			•	•	•	•	11	y 1	16	
5-1 67			1.3 7.1 .4	• 2							5	25	4 1	
~5/ 55	. 5	· · · · · · · · · · · · · · · · · · ·	1.4 1.5 .3	•		•	•	•	•	•	- 5	1, 5	40	4
-4/ 57	.1 .4	.7 2.7 2.3	5 . 5 . 7 . 2 . 3	•1 •1							1 '1	131	101	24
1./ 51	• 2	.4 1.4 2.5	. 0 . 2 . 3	•					-	•	7 3	63	172	29
13/ 59	•1 •3	.7 .7 1.5	• 9 • 2 • 1								• 1	4.1	94	4 %
1 57	. 7		. 2 . 4 . 4					-	•	•	2 4	44	c 2	- 1
5-1 55	• ? !	• 7 1 • 1 • 3	• 1 • 1								2.	23	1 1	<i>ċ</i> 3
4/ 53		. 5 . 4 . 4	•1			•		•	•	-	1.	12	1.75	113
- 21 51	• 3	•5 •1 •1									10,	15	63	106
2 1 42	• 1	•3 •?	•						-	•			6 5	56
4-/ 47	• 1											1	26	87
457 45	,		•					•	_ •		•	_	12	145
44/ 43		Carlo Form											7	67
427 41					•		•							3.7
4 1/ 32														19
3:/ 37				-					_	•		-	-	11
t . / 35														2
34/ 33	•				***		•	•		1		•	•	7
327 31														4
Element (X)	Z g i	Z _X	1 %	No. O	bo.	•	-		leen No.	of Hours v	rith Temperati	10		

MAK ... 0.26 5 (OL A)

Wet Bulb

+67 F + 73 F + 80 F

	4:				Ī	۲	Ā	Ţ	•	Ļ	?	د	٧	•	•	å	*	-	4					
	nd.					þ		5	۶	ł	٧	I	5	1	u	4	Ų							
1	. !	+				,	١	4	5	ī	:	I	ų	Δ	0		,		.,	٠,	7	٧	٠	

																							OURS IL	•
Temp		-	-				WET B	ULS T	EMPER	ATUR	E DE	RESSI	ON (F)	12 11	14 34	94.9		10		TOTAL	D. A		Bulb De	
/ 37	-	1 - 2	3 . (. 10 1	- 12	13 - 14	13 . 1	17 .	18 19	- 20 21	. 22 23	74 2	20 2	7 - 20 21	30			- Dry -	V-0 W-0	9019 01	
$\cdot \rightarrow \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot$																								
14.		7.4	۲.	41 -	. 71	1. 1	1.71		1 7 . 1	`	5 1	. •	. 4	• •	`ء •			• "	• 1			•	•	7
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	•			*	•	•			•		-	•	•	•	-	-		-	•		•	•	•	
								-				-												
											•					-						•	-	
rment (X)	2	x'			2,		- 1	-	•	1	No.	Obs.					teen No.	of Hou	n with	Temasre	ture			
I. Hum.		272	142	5		7531			5.3			933	+	10 P	2 32		€ 67 F	. 7:		- 80 F	-)3 F	Tel	••1
y Bulb		437	354	3	1	2181	6	9.1	9.1	71		700				1	50°		0.7	13.	1	1.2		c
or Buth		337				2397			5.7			933					5.	3						3
- Point		2231	147	3		14991	5 (0.0	5.7	01		900				. 5		ì						9

USAFETAC NOTE 0 26 5 (OL A)

LE RAL CLIMATOLOGY STANCH C AFLIFAC A M AFAITH / SERVICENMAC

PSYCHROMETRIC SUMMARY

1 14" - AMETERN AS STRUKEN 1 3 18 - 2100 HOURS 11 5 7

Temp						BULS T				-	-					TOTAL		TOTAL	
(F)	0 1 - 3	3 - 4	5 . 6	7 . 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 10	19 - 20 2	1 - 22 2	3 - 24 25	26 2	7 - 28 29	- 30 = 31	D.S. W.S.	Dry Bulb 1	for Bulb C	De- P
117														• •	• *	4	4		
37 6												• .	• 1	• 1.		. 4.	4		
. / /												• 7	•				_		
1 3 .											. 4	• 1							
1 : 7		•									•				•				
1 21										•	• 1						4		
4/ 57	•						•		•	• 7	• 1	•	•	•	•		1	•	
2/ 21						• 1	. 4	1.7	2.3	• i.						. 41	4		
1 7						• 1	• 1	1.4	. 4	• ?	• 1		•		•	" ,		•	
7 / 17					. 4	•	1.7	2.1	• 7							4	L		
16/ 75	*	•		. 4	• •	1 . t	1.7		. 1		• 1	•		•	•	4 -	4	•	
14/ 7				• 1	. 4	2.1	. 4	1	• 1	• 3						5	1, -		
77/ 71	•	•	• 7	1. 1	. 1	1.	1.4	. 4	•	•	•	•		•	•		*	1	
7J/ 53		• 2	1.2	• 3	₹.	2.	1.3	• £	. 1								> 0	•	
1 57		1 .5	. 1	• 9	1.7	2.3	. >	. 2	•			•	•			4 :	4 2	75	
61 55		1 1.7	• 7	2.2	1.7	2.5	. 5	• 2	• 2							7 -	7 .	- 1	
4/ 53		ē 1.	1.8	2.2	4 . ?	1.7	. 7	. 3	•		•	•	•		•	13	135	28.	ž
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11 57	.1 .	4 . 2	· . t	2.3	• 3.		•	•	•	•	•	•	•	•	•	. 2.	45	75	
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-/ 55		5 . 3	1.4	. 5	1.1	. 2				•	•	•	•		•	- 13	4.7	28	7
4/ 53		1 .?	. 5	• 1	• 3											100	1.7	105	1.
27 51	3	4.	.1	•		-					-					1.	13	13	1.
-/ 42	•	1	• 2														:	34	6
1 47	•	•	•		•	•	•	•	•		•		•	• -	-		•	* **	-
1-1 45																		1 5	14
4/ 42	•	•	• •	•	•	•	•	•	•		•	•	•	•	•		•	7	c
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17 3.	•	•	•	•			•				-			-	•	• •	٠	•	
1-1 37																			
1/ 35		•			•	•		+								•	•	-	-
(4/ 33																			
15/ 31	•		•	•		-	•					- •	-			• - •		•	
1 22																			
lement (X)	2 1		- 1	1	-	1	•		No. Obs.				-	leen No.	of Hours wi	& Temperatu	70	_	
el. Hum	-					-					1 0 F	1 32		+ 67 F	• 73 F	• 80 F	• 93 F	T,	ete l
ry Bulb					4	-						1				1	•	•	_
let Bulb		-	1		-	-						_				t —		-	
lew Paint										+		+	+		+	+	+	-	

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Yemp						-										PRESSI									TAL		T01		
(F)	, -	0	+1.	2 .	3 - 4	. 5	. 6	1	. 8 1	- 10	11 -	12 1:	3 - 14	15 - 1	17 -	10 19	20 21	- 22 2	24 25	- 26 2	7 - 20 2	9 - 30	- 31	0.8.	W.B. D	ry Bulb	W	Bulb De	• - P.
1112			٠ ،	• "	٠.	71	5 - 2	٦r	. 2'1	5.	415	• •	2 , 4	. •	1 4	• 5 1	• ^.	1.2	• 7	•	• •		ŕ			•	ำ		0
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lement (X)	-		Z g'	_	_	-		Z I	-	-	1	 -	•,		No.	Obs.	T				Moon Ho	. of H		h Tom	peretur	•			
lel. Hum.	:		2	1 4 3	72	7		4	948	7			5.7			973		1 0 F	z 32	P	a 67 F		73 F		10 F	• 93		7.0	
Dry Bulb	. =				56				179	_			2.7			933	-		+		44.		25.5	1	C . K		• 8		7
Ter Bulb			3	332	73	1		5	199	7	57	· 8	5.52	6		900	-			100	۹,	3							9
Dew Paint			(: <u> </u>	70)		•	497	D	יטכ	·u	D . / t	2		933	i.		1 1	. 4		1			1				9.7

USAFETAC

JÜJAAL OLIKATOLOGY HAAVOH A AFETAO ACK HEATHF? SERVICOVHAQ

PSYCHROMETRIC SUMMARY

YMAN MOTATE 1 - 1 4 . 14-81 J 3 4 21 0-23.0 HOURS IL S 3455

Temp			ET BULB TEMPERATU						TOTAL	TOTAL
(F)	0 1 - 2 3 - 4 - 5	7.8 9.1	10 11 - 12 13 - 14 15 -	16 17 - 18 19 - 20	21 - 22 23		27 - 28 29	30 • 31	U.S. W.S. Dry Builb	Wer Buib Dem Pe
5/ 17					•	. 1			1 1	
1 2					. • •.		•			
1/ 23				•					1 1	
7 4			• • • •		•	•	•			•
, 7.									4 4	
7 / 17						•			187	
197 75			7 1 0 0 7	Ĭ					14 14	
24/ 75		.: .?	2 1.	• 1					1	•
1 71		.1 1.7 .	1 1 4							
15/ 59	• *	. 4 1 1.	· · · · · · · ·	• •			•	•	3 47	•
- / 57	•1 1•1	. 4 . 7 1 .		• 1 • 1					= 10	S
651 55	.1 .2 1.2	2.2 1.5 .	7 •1 •1		•				5 . 1	77
4/ 53	1 7.1 2.2 3	1.3		• 1					i > 1:0	5 کی 1
1 61	1.1 7.0	3. 2.5 1.	· 3						1 175	7
/ 54	• 1 1 • 2 1 • 3	. 2.	• 1 • ?							79. 4
/ 57	1.1 3.2		1.						6	173 6
1.7.55	1 1.9 2.3		<u>.</u>						. 5. 7.	175
747 53° 27 51	3 2.4 3		3 .1						1 1 1	100 10
- (アーラル まちょ 見っこ	•5 1 · 1	•5. •4. •	1.					•	$\frac{3}{1}$ $\frac{53}{15}$	6 11
u - / 47	7 7	.1 .7 .	. 1						1	55 7
11/ 12	7	•1. •2. •	•							- 14
44/ 43	• 1	• •							. 1	
/ 11			•		•		* -	• •	•••	4
1 / 37										1
1 / 37		•		•			•			1
15/ 35										
34/ 33										•
27 31										
131 53	• • -•					•				•
7:1 25					-					
TAL	1.212.425.721	1.119.2 3.	2 5.6 3.3	7	• 3	• 1			9.5	0 -
									3,0	3,5
Element (X)	24,	2 g	7 7	No. Obs.				-	Temperatura	
Rel. Hum.	\$ 4 7 4 3 3 4°	6.165	69.114.175	903	1 0 F	2 32 ₹	• 67 F	• 73 F	• 80 F • 93 F	Terel
Dry Bulb	3732036	35275	61.3 7.161	933		+ +	17.2	-	1.5	•
War Bulb	2736475	49829	50.5 6.503	933 933		1.3	• 5		-	· · · · · · · · · · · · · · · · · · ·
Dew Point	(33933E)	42400	Cuced Celic	755		1 1 5				

Dew Peint

JELPAE CLIMATOLOGY PRANCH

1 - 14

ATT AFATHER SERVICE PHACE

PAMSTEIN AS SERMANT

4-55

PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Wet Bulb Dew Po 101 7 • 1 • 1 1.3 17 2. • 1 1 3 •1 1 1 4.1 3 143 13: • 1 163 13, 169 237 2 2 • 1 514 314 115 2 3 . 1 253 . 1 371 315 921 121 1.2 . 1 454 7.72 . 1 531 573 631 5) 3.1 506 3 . H 2.4 2.2 57 575 345 623 4 7 5 **5** 5 2.7 • 2 : 21 €21 334 1. 4 e 36 473 420 372 .3 1.7 .1 1.3 2.9 51 • 3 3 3. 2 2 5 19 9.0 3+3 4 7 242 557 •1. 2 • 4. •1. 2 • 3 37 • 2 237 . 1 237 511 671 **¥** 5 • ? 110 • 1 13 3 7 5 1100 . 5 43 173 77 77 543 03 4 1 • 1 5 55 363 77 2 / 133 • 1 49 6 5 76 .1 65 11 11 23 35 • <u>1</u> 59 7.1 33 47 34 Mean No. of Hours with Temperature Rel. Hum. 1 0 F 1 32 F

BEN'AR MENRIOS EBRICARS OF THIS 0 26 5 (OL A)

USAFETAC

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Wat Bulb

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1 >143	₹ 4	451	7	N A	3 3	<u> </u>	44	Y								1	4	- 3	ţ															MY	
STATION				- 1.2		STATIO	ON NA	ME																	YE.	ARS							M	DMTH	
																															≥ ∴ .	.!		ALL.	
																																	HOURS	(L. S. 1	1,1
Temp.								*	ET	BUL	. 8 1	EM	PE	AT	URE	DE	PR	ESSI	ION	(F)											TOTAL	h	TOTAL		
(F)	0	1 -	2	3 - 4	5 - 6	7 -		9.	10	11.	12	13 .	14	15	- 16	17	- 18	1 19	- 20	21	. 22	23 -	24	25 -	26	27 -	- 28	29 -	30	a 31	D.B./W.8	Dry Bull	Wet Bull	Dew I	Point
1./ 22																				,					7							i			5 2
2.1 27																																			47

(F)	0 1 - 2 3 - 4	5 - 6 7 - 8 9 - 1	10 11 - 12 13 - 14	15 - 16 17 - 18 19 - 2	20 21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 = 31	D.S. W.S. D	ry Bulb Wet	Bulb Dew Pe
1./ 22					+		+				£ 5
2.1 27											4
21/ 25		•					+		+		1
14/ 23											_
2/ 21									+		
STAL	1.127.021.4	7.211.3 3.	2 6.7 4.4	3.5 2.3 .	i	.? .	• 1	.1 .)	7159	717
							•		71 9	7)	39
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ement (X)	2 g'	I g	7 -	No. Obs.	 		Mean No. of	Hours wit	Temperatur	•	
I. Hum.	36305554	493204	68.517.54		1 0 F	1 32 F	± 67 ₽	■ 73 F	- 80 F	• 93 F	Total
y Bulb	27553077	443501	51.2 9.56				176.7	96.3			72
or Bulb	21928207	394577	54.8 6.47	71 7199		1.1	$\overline{}$				7.
				7199							

ULCAAL CLIMATOLOGY BRANCH JEATETAC ATE WESTHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	AASTEIN A3	STATION HAME			74-83		¥	CARS				J_ MON1	
										233		HOURS IL.	- კენ . s . t .)
Temp.					RE DEPRESSION					TOTAL		TOTAL	
(F)	0 1-2 3-4 5	7-8 9-	0 11 - 12	13 - 14 15 -	16 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 = 31	D.S./W.S.	Dry Bulb	Wet Bulb C	ew Pe
7 / 77					. 2					1	1		
75/ 75			1	+	•1	•				- 4		-	
14/ 73	- 1		1	1	• (,	9		
7: / 7:	• 4		3			+				1	10	•	
73/ 59	.1 .2		2	• 1							2.5	3	
5-1 57	•7 1•2		, ? !	-		-	-			23	` G	5	
15/ 55	•1 1•1 1•1		5 .1							: 3	53	7.2	
4/ 53	.5 4.5 5.2		2							15	100	E 1	3
12/ 51 57/ 59	3.8 5.5		1							112	112	78	
1 1 57	2.8 4.3									134	102	103	5
1 57 55	3 3.9 4.5									115	115	125	13
14/ 53	.2 2.5 3.7									9.1	91	108	13
727 51	.3 2.1 2.7	• 2 • 3		***************************************		*		*****		. 4	54	94	12
51/47	.1 1.7 1.3	• 3								2	32	?3	ł.
4-/ 47	.1 1.5 .3									1.5	13	4.5	ř
45/ 45	• 5 • 2				-			+		<u> </u>		23	- 8
42/ 41	• 1									-	ž.	3	1
45/ 55				·				• •		• •			
5-1 37												•	
75/ 35					-								
STAL	2.527.335.92	C.4 9.7 1.	9 .5	1 .	2 .1 .1						531		9
	1									4 2		932	
		· · · · · · · · · · · · · · · · · · ·		+		•				•			
	•			+	+	•		• • • • • •		•			
		•							10				
		Fi											
		N a			+ +				Fil				
Element (X)	z _x ,	2 x	X	₹	No. Obs.			Meen No. e	f Hours wid	Temperatu	70	-	
Rel. Hum.	5375649	72727	78.2	11.265	930	2 0 F	s 32 F	≥ 67 F	≥ 73 F	≥ 80 F	• 93 F	T,	tel
Dry Bulb	3295233	55097	59.2	4	930			E.4	1.5	• 1	ļ		- 5
Wet Buib	2373034 2563777	51462		5.230	930 930			• B					9
Dew Point	6303111	48567	36.6	30 213	730	_	1	• •			1	1	9

SLOBAL CLIMATOLOGY PRANCH JAAFETAC ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

170143 TAMSTEIN AS SERMANY 3393-3530 HOURS (L. S. T.)

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															. S. T.)
Temp.						TEMPERAT						TOTAL		TOTAL	
(F)	0 1.			. 8 9 . 1	0 11 - 12	2 13 - 14 15	- 16 17 - 18	19 - 20 21 - 22	2 23 - 24 25 - 2	26 27 - 28 29	30 - 31	D.S./W.S.	Dry Bulb	Wet Bulb (Dew Poir
77/ 71		•			1		1				1	اد	7		
70/ 55			The same of the sa		?							: 3	13		
50/ 57		•		• 3								1	9	•	
15/ 55		• 5		•1									15		
54/ 50	• 5 2				4							` 4	7 4	15	15
12/ 51 12/ 59		· 5 3 · 1			?							9	39	43	- 27
5./ 57	• 4 3 4 4	·		• 2								117	11?	7 8	39
5:1 55	4 4	• ⁹ · 7 • 3	-+-	• 1.								101	133	`7	8.
14/ 53	•	2 4 . 5		• ?								14:	145	125	7 5
72/ 51		4 3							-			7 9	<u>89</u>	123	105
77/47		2 2 .5	-	. 4								4		1 1 1 1 1 1 2	115
4:/ 47	-	4										4 5	64	112	12"
45/ 45		9										- 2	42	57	132
+4/ 43					•			-				1.	13	24	60
42/ 41		4 1										5	17	1	35
4:7 37		.1				•			***********				2	5	17
32/ 37		• 1										1	1	2	7
15/ 35			+						*******************************		-	• •		2	1
34/ 33														-	4
2/ 31			+		+						1	•	•	-	
TAL	6.137	. 7 36 . 6	15.2 3	.4 1.	7								1:1		9:
		1						•	• •	• •		913	•	930	
										1					
•					•						1				
					•		1		+			-			
			1												
			ļ				1	,			-				
	+			ī				i	•				•	•	
•									+				+		
-				i									+		
				1									+		
				ī									+		
Element (X)	2=*						No. Oha	. 1		Mean Ne.	I Hours will	h Temperatu	100		
	2 _π ,		2 x 7		X 82.22	9a	No. Obs		P 132 P			fh Temperets	ro - 93 F	Ţ	prel
Element (X) Ret. Hum. Dry Bulb	6	378252	7	6423	32.2	13.237		3 = 0	F 132 F	+ 67 F	F Hours with a 73 P			70	
	5 2		7 5		56.0		93	13 = 10	F 132 F					To	9101 9-3 5-3

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BLOBAL TLIMATOLOGY BRANCH OLAFITAD

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2435180

PSYCHROMETRIC SUMMARY

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1 5143 RAMSTEIN AS CERMANY STATION MAME STATION WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 36 a 31 D.9.W.R. Dry Bulb Wet Bulb Dew Point 75/ **7**5 14/ **7**3 727 71 • 3 . . 5 / 57 55/ 55 . ! 3. 54/ 53 40 71 • 1 • ! 20 .4 2.6 3.4 2.2 .5 4.3 6.5 1.5 12/ 51 13/ 59 121 75 → 8 51:/ 57 5.5 5.3 2.5 5 9 135 135 110 55/ 55 4.7 5.9 1. 9 2.3 . 5 17.5 102 4/ 53 3.2 5. 103 125 114 5 7 2.9 -21 51 2.9 67 1:3 122 . 2 2.5 1.7 55/ 49 37 • 1 37 98 71 45/ 47 3.4 70 - J 4) 165 .5 2.3 45/ 45 3 1 58 131 44/ 43 . 4 15 36 12/ 41 29 43/ 15 11 34/ 37 14 35/ 35 3./ 33 72/ 31 5.237.237.514.8 3.7 1.7 No. Obs. 6292816 3003315 75868 52571 81.610.394 56.5 5.831 Rel. Hum. 930 1 32 F # 67 F - 73 F - 60 F Total 10 F • 93 F Dry Bulb 2 • 3 +3 2561221 49677 53.4 5.457 930 Wet Bulb 93

930

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and the same of th

50.8 6.328

47258

0-26-5 (OL A) REVISE MEMOUS EBITOR

JSAFETAC NOM

Dew Point

SUPPAL CLIMATOLOGY BRANCH PRAFETAC ATT WENTHEY SERVICEZMAC

PSYCHROMETRIC SUMMARY

1 141 ASTELV AS SERVINY
STATION STATION 74-83 3930-1133 HOURS (L. S. T.)

C.

																			ובחטטה	(. S. T.)
Temp					WET	BULS	TEMPE	RATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(₹)	0 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pe
/ 9								i	. !		• 1			I				5		
3/ 37								• 1		• :							ذ ا	7		
15/ 35	•	•				•			• 1		. 1						?	5		
4/ 33								7		• 1	ı ı			1		1	. 4	. 4		
17/ B1		*				• ;	• ?	. 4	. 5	• ?	,				1	•	15	16		
- 1 73					. 1	• 2		• 3						1			17	17		
7 1 77			• 1	• 2	. 7	• 9					+			1			2.5			-
16/ 75			• 2	• 5	1.7	. 9											37			
74/ 73	. 1	• 1	. 5		1.0		<u> </u>	. 2			•			1		•	4:	 	-	•
721 71				2.5										•			4 4	-	5	
12/ 59	- 1				2.5		• 3		• •		•			1		+	1	ė 1	18	_
E. 1 57		1.3	_		. 4												55		40	
15/ 55	. 0	1.4			. 4	• 3		+	•		+			•		•	5.5		53	
4/ 63	1.3	2.3	8.5	3.7	1.3	• ?	• 1										1'5		101	
12/ 51		3.7						+			•						103		100	
63/ 59	1.5		2.8		. 1												6		114	
53/ 57	.3 1.5	1.3	3.3	• 5	• 1			•—-	•		·····						6.9		137	4
55/ 55	. 2 1 . 4	2.2	1.3	. 3													5		138	
54/ 53	.1 1.7	E,		• 3					+		+					+	מי		29	
52/ 51	•3 •2			. 3							1						14		97	, -
33/ 47	• 1	. 7	•1	-					•							-	- 4	-	7.5	
46/ 47	•		• 1															1	24	
45/ 45	•	1		•		_			+								•		3	-
44/ 43											1 1								1	2.8
427 41		1						· · · · · · · ·	· · · · · ·								•	 		1
43/ 39				١.				ı												13
35/ 37				+			-				+ +						-			2
75/ 35						II.						ì]			1			1 2
OTAL	.9 9.7	19.4	27.0	23.5	11.3	5.8	2.7	1.5	1.0	• 5	• 2	-						930		929
					•••	500	,	•••	115		•						729		929	
										-				-			127		, , ,	
	1]									
	+																		1	
Element (X)	Z X2			E X		X	٠,		No. Ob	.		<u>i</u>		Meen P	la. of Ho	ours wid	h Tempere	lure		
Rel. Hum.	4 4 4	1123		630	5 5	67.9	13.1	85		29	10 F	1	32 F	+ 67	F a	73 F	- 80 F	+ 93 F		Tetal
Dry Bulb		1213		632	33	64.8			9	30				32	• 3	15.3	3.	4		9.
Wet Bulb	317	7408		540		58.2	5.4	09		29				6	• 3					9.
Dew Point	258	3504		495	96	53.4	5.9	41	0	29					- 4					9:

USAFETAC NOW 0.26-5 (OLA)

SCOBAL CLIMATOLOGY SRANCH USAFETAD ALR WEATHSP SERVICE/AAC

PSYCHROMETRIC SUMMARY

175147 RAMSTEIN 43 STRMANY 74-83 STATION 1233-14_5 HOURS (L. S. T.) FAUF 1

Temp.						WET	BULP '	TEMPER	ATURE	DEPR	40122	(F)					TOTAL		TOTAL	
(F)	0	1 2	3.4	1 4 . 4	7 - 0								21 . 24	25 . 24	27 . 28 24	10 - 11	D.B./W.B.			Daw Pai
15/ 95		1 . 4	3.4	3.6	7.0	7 - 10	11.12	13 - 14 :	13.10	17 - 10	17 - 20	21 - 24	23 - 24	23 - 20		. 30 . 31	14	4		
34/ 93					i i						i					111	15	13		
32/ 91				•			•				·			1	• 1			***		
1,/ 89											21	1		2 .1			12			
3/ 97							•		• 7					• 1	+ +		1.			
12/ 95							1		• /		_						14			
14/ 83				•		• 1	- 1	1.5	• 3	- 5	• 1	. 4	• 1		•		2 5			
12/ 31				- 4													•			
70/ 79			- 1	- 1		• 7	100	2.2									6 S			
7 / 77			• 1								-						•			
75/ 75				• 1	• :	• 5	2.7	2.3	- 6		• 1	-	+	+	+		4 9	49	- 1	
74/ 73				-													1		-	
$\frac{747}{727}$ 71			• 1	• :	• 6	1.1	201	. 9	• 5			11					57		5	
					1.0				• 1		ŧ						12		15	
75/ 69			1 . 3	• 1	13				• 1								5		48	
							2.0	-	• 2								- 1	5.1	55	
56/ 65			• 5														4	64	134	1
547 63			1.		4												124	124	38	4
527 61	• 1	• 5	1.8					. 1						•			70	73	121	41
43/ 59	• 2	1.1		1.3		. 4											5 à	5.9	112	7
53/ 57	• 1			1.3	• 2										· · · · · · · · · · · · · · · · · · ·	1	24	24	106	10
55/ 55		• 5	• 4								1						1	21	75	11
"4/ 53		. 4		• 2	• 3												3	.31	139	13
527 51		• 1									ł	1					1	1	43	10
50/ 43		• 2																_ 7	19	5
45/ 47								· ·	1		1	Ī							10	8
45/ 45								i											ز	11
14/ 43					ė							1								-
427 41														1		1			1_	1
43/ 39					1					_		1								1
33/ 37	1	[j	1				į						1						
35/ 35		1																		
34/ 33	1																			
CTAL	. 4	4.0	7.5	9.1	15.6	16.7	17.8	11.5	6.9	4.6	2.3	1.8	. 9	1.1	• 2			93		93
		1															930		930	-
Element (X)		E X '			E N		I	· *		No. Ob	6.				Meen No.	of Hours wi	th Temperat	ure.		
Rel. Hum.			1871		516	67	55.6	15.00	7		30	10	•	1 32 F	≥ 67 F	- 73 F	- 80 F	⇒ 93 F	T	etal
Dry Bulb		471	3944		656			9.1			30				55.1		9 17.	1 1.	4	9
Wet Bulb		340	2095		559			5.69			30		_		13.6				 	9
Dew Point			3612		491			6.20			30		\dashv		1			 	+	9.
							/		- 0		- -					- "	<u> </u>	-	-	

L USAFETAC FORM 0.26-5 (OLA) REVISED REVISEDS FORM AND OBSOLETE

DEDRAE CLIMATOLOGY BRANCH CAFITAC A72 WEATHCR SERVICEZMAC

PSYCHROMETRIC SUMMARY

1 -: 133 RAMSTEIN A3 SERMANY 74-83 15 13-17 JO HOURS (L. S. T.) 945E 1

W. 18.

Temp.						WET	BULA	TEMPFO	ATURE	DEPRE	SSION (F	1						TOTAL	Carlo E	TOTAL	
(F)	0	1.2	1.4	4.4	7.8								23 . 24	25 . 24	27 . 28 2	9 . 30	e 31	D.B./W.B.			Dow Pain
~/ 37		+	+	-	-	-	-	-	-						1	.1			2"		
5/ 95							55						. 1	. 4	1.2	. 1		17	17		
74/ 77		•	•	+ · · · ·	•	+	•			•	+	• 1	• 1		. 3						
221 91										• 1	• 2	.1	- 4	.1				1	10		
2/82		•	•			+	•		• ?		. 5	. 9	• 3	• 1				34	24	-	
8/ 87								• 1	. 2			5	4	• •				3.4	24		
.5/ 95			+			•			• 3	• 1	C	, tı	• •		• •			71	21		
24/ 23								. 5		2.6	. 5	. 5						4 9	47		
-2/ 81		•-	•			•	1.2	• 3	2.3	2.9		• 2	. 3					7,	73		
-3/ 79					. 1	. 1		2.5				• •	• •					5.5	5.0		
75/ 77		•	•	+	• 2			1.3								•	. —	46	4.5		
76/ 75				. 1	. 4	_		2.7	9									10	5 7	1	
74/ 73		•	+	-	. 5			1.3										: <u>5</u>	65	11	
7:/ 71				• 1	1.2			1.3	. 6									72	72	21	
71/ 59		•			4			2.4	• 3									7 7	72	47	7
55/ 67			• -	• 1	1.0	. 9	2.7	. 3										- 2	4.2	8.3	4
3/ 55		• 1	. 5	1.1	+	. 5	2.6	. 5					-		•			59	5.9	110	4
54/ 53		. 5	1.5	2.	1.4													107	139	103	43
62/ 61		• 3		4	1.2			, ,		++					• • • • • • • • • • • • • • • • • • • •	-		72	42	176	32
53/ 59		1.0	• 5	8	1.2	. 3				,								35	36	109	52
54/ 57		• 1	. 2	1.	• 1	• 2				1	-		+					1 "	15	98	105
50/ 55		. 9	. 2	•						1						i		19	19	3 5.	115
54/ 53		• 1	1		• 3		•											4	4	34	114
52/ 51!															4					30	77
53/ 49					•		•	•												12	76
45/ 47		1	İ		(, 1			1									10	76
45/ 45		1			-		+														134
44/ 43			i		1	1	i													;	4.1
42/ 41							1	† †												-	15
40/ 39			1																	1	15
30/ 37			<u> </u>							1										1	2
35/ 35		i	1																		7
2141		3.0	5.4	7.3	9.9	13.8	15.3	15.5	9.5	8.5	4.4	3.0	1.7	. 9	1.7	•2			931		930
			1															930		930	
Element (X)		ZXI	-		Z x		I	•	Τ.	No. Ob					Meen No.	of Hou	rs with	Temperat	110		
Rel. Hum.			4433		472	72	50 . č	15.4	§ 5		30	10 F	1	32 F	≥ 67 F		3 F	- 80 F	• 93 F	1	etel
Dry Bulb		535	3325		679	72	73.1	9.5	37	9	30				64.	6 4	6.2	25.	2.	7	73
Wet Bulb		348	6889		567			5.5		9	30		1-		16.	3	1.2				93
Dew Point			1130		89.	4.8	52.5	6.1	7 %	ò	30		_		-				_	_	93

USAFETAC NOM 0.26-5 (OL.A) REVISED METVOUS EBITIONS OF THIS NOM ARE ORLOCKEE

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DEURAE CLIMATOLOGY RAANCH U AFITAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 -1+7 STARTETA TE PESATAL 74-83

The state of the s

																				HOURS IL	
Temp.					,,					DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24	25 - 26	27 - 28 2	29 - 30	» 31	D.B./W.B. D	ry Bulb W	et Bulb	Dew Pein
351 97					1											• 1		1	1		
15/ 95		•					•							• 1	•	• 1		7	7		
247 33.												• 1	• 1	• 1	• 3			5	6		
52/ 91										• 1		• 1	• l		• 1			4	4		
5 / 53									• •	• 3	• 3			• 1	• 1			15	15		
13/ 57									• 2	• 3	. 5	1.4	• 2	_ • 1				7.5	2.9		
15/ 35							,	• 1	• 11	. >	. 4	. 4						1:	1"		
4/ 93							• 2	• 5			. 4	. 4	• 1				•	4.2	42		
72/ 91						• 1	1.3	1.1	2.€	7.4	. 5	• 3						7 "	79		
33/ 77						• 7	• 1	1.5	1.7	. 9	• 5							: 5	ა 5	_	
757 77				• 1	• 1	• 1	• 0	2.7	1.0	• 1	• 1							4.7	47		
757 75				. i	• 8	. 5	1.3	2.4	. 9									50	5.5		
74/ 73				. 4	• 2	• 5	2.	1.7	. 9	- 11		•						5,4	5.6	6	
72/ 71			• 1	. 4	. 8	1.3	3.	1.9	. 6	• 1								77	77	17	
70/ 59	•	• 1	• 1	• 8	.9	2.2	1.4	1.5	• 3	-		•						: 4	60	41	
5-1 67		• 2	. ?	• 3	1 . 2	1.0	1.5	. 3	. 1									4	45	73	3
-5/ 55		• 3	1.2	1.2	1.3	1.0	2.3	• 1		•								53	6.8	1 '4	14
44/ 63		1.7	2.2	1.6	1.6	5.4	۰۰	. 3										1 2	12?	176	46
52/ 51		• 3	2.2	1.7	1.4	. 6	. 4						•				-	- 5	5.5	119	3.6
60/ 59		1.0	. 6	. 9	1.3	. 3	. 1											39	39	1 70	65
50/ 57		. 3	1.7	• 3	+						1							19	19	98	100
55/ 55		. 4	. 4	. 5	. 5													16	18	18	157
547 53				• 1	• 5		•								•			7	7	74	128
F2/ 51		- 1																		26	89
50/ 47					-							-			-					1 4	57
46/ 47								i												12	72
46/ 45	•						-														1:5
44/ 43					1		. 1														2 2
42/ 41											-										13
44/ 39																					15
38/ 37																					7
35/ 35		1		i																	7
STAL		4.1	3.0	7.7	10.6	4.2	15.1	14.7	10.2	6.6	3.2	3.3	• 5	. 4	1.1	• 2			7.3		935
-		1		- '				- ' '								-		930	-	930	. 20
Element (X)	-	Z X 2		-	E x	$\neg \neg$	1	· ·		No. Obs	. 1	- 1			Mean No	, of H	wes with	Temperatur	•		
Rel. Hum.			9735		494	1	53.1		8.1		30	10F	-	32 F	≥ 67 F		73 F	- 80 F	• 93 F	T	etal
Dry Bulb			3463		668		71.8			9		- • •	+		60.		41.2	21.5	1.	-	93
Wet Bulb			3515		5632		60.6			9			+		13.			6 6 9 3		+	93
Dew Point			3868		489		52.6				30		+-			3	• 6			+	93
POW FOIRT			3000		707	4 4		991	76	, ,	, 0					7			L	L .	7)

USAFETAC NOW 0.26-5 (OLA)

SUBAL CLIMATOLOGY BRANCH SCAFETAC AIR AFATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 -1+7	PARSTEIN AS SERMANY	74+83		ياران
STATION	STATION NAME	YE ARB		MONTH
			Lat Mily Film 1	21 10-23 7 HOURS IL. 5 7

Temp.					ET BULB 1										TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4	5 - 6 7	. 8 9 . 1	0 11 - 12	13 - 14 :1:	5 - 16 17	- 18 19	- 20 21	- 22 23	- 24 25 -	26 27 -	28 29 -	30 + 31	D.B. W.B. D	y Bulb !	Fet Bulb	Dew Pain
1/ 3:	•	•	• • •		-				1			. 1			4	4		
4/ 87						. 1	. 1	• 2	. ?	• 1	• 1				3	2		
31 31	•	•				. 5		• 5	. 1		•	•	•	•	2	; 🙃	•	
1 79				.1	1	. 5	. 5	• -		. 1					12	- >		
7.1 77		·	• 1		4 .6	, 5	- 4	• 3	•						·	25		
15/ 75		٠,	- 3	1		. 2	.1	• -							, 5			
7-1 77			. – – –		9 1.E	. 4	•1				•					7.	- 1	
72/ 71		3	. 6	1 7 1	1.2	. 3	• 1									45		
13/ 57		1.3	1 • 3	1 6 7	2 1	• 3	• •		•	+	•		**			78	0_	- ,
5-1-57				1	2										0.03		14	1 r
15/ 55	+															5	17	
+ + / 53		7.7		2.0 l.	J . 3	• 1									, ,	75	69	1 -
	1.6		5.3	3.5 2.	7 • 4		1 m - • • •					-			. 1 1	151	9.6	5.4
£27 51		3.9			4 .1										1 7	107	103	44
437 59	1.5				1.										. 3	,	124	76
= / 57		1.5	-		1										. 4	7.4	140	101
5:1 55	• 4 1 • 5		• • •	• 8											3	5 ?	~ 3	145
4/ 53	•1 •5		. 5	1.0											3.7	37	176	111
?/ 51	•1 •3	1.	• 1	• 1											14	14	76	111
7./ 40						•	•	-			•				•		40	5.5
4:/ 47		• 1					- 1								1	1	2 a	5 5
46/ 45	•			•	-	10	-						•		•	•	5	1 7
14/ 43		1																
427 41		+			• •										•			1:
47/ 37		1																1 -
34/ 37		1	•		• •	-						-			•			1
35/ 35								1										,
STAL	.4 5.7	27.4	21.21	4.412.	5 7.1	2.9	2-2	1 1	.6.	- 2	• 3	. 1			+	· 3 ·		951
								• • •	•	••	• ,				935		930	,,
				- +						•				+				
					1	-	1		1			,	1					
		+			++	- +	-	-	- i	+		-	-	+	 			
			:											1	1			
	-			+	•			- +				1		†				
Element (X)	Z _X '		2 ,		X	•	N-	o. Obs.				Mo	n No. of	Hours wit	h Temperatur			-
Rel. Hum.		7661		52647		14.28		93	7	2 0 F	1 32 1		67 F	+ 73 F	- 80 F	• 93 F	T	etel
Dry Bulb		8320		53356	64.9	7.42		930	5		1		32.5	15.0			+	93
Wet Bulb		5195		54139	58.2	5.39	-	930			 	_	5.P	•1	+		+	93
Dew Point		5079		9458		6.12		930			 		3.6	• 1	 		+	93
JUW FOINT	430	2013		7770	3304	0012	•1	, , ,	, l		1		• •		11		1	7 3

USAFETAC FORM 0.26-5 (OL.A) PRYSED MEYOUS EBITOMS OF THIS FORM ARE DISCUSSED.

2

USAFETAC NOM 0.26-5 (OLA) REVISIO PREVIOUS EDITIONS OF THIS NOME ARE ORDERED.

PLIPAL CLIMATOLOSY FRANCH DIRECTAG HIP WEATHER SERVICENMAG

PSYCHROMETRIC SUMMARY

1 117	CAMSTEIN A				74-8	3							J	
STATION		STATION NAM	4						YEARS		> 5 * 1	1	MON پائر HOURS (L	L
Temp.			WET BULB	TEMPERAT	URE DEPRES	SION (F)					TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4	5 - 6 7 - 8 9	- 10 11 - 12	13 - 14 15	- 16 17 - 18 1	9 - 20 21 - 2	2 23 -	24 25 - 2	16 27 - 20 29	- 30 + 31	D.S./W.S.	Dry Bulb 1	Ver Bulb (Dew Pui
25/ 37									• 1	• ~		3		
14/ 93.									1 2	• 7	2 0	F 0		
~ / 91									1 • 1		24	24		
1 93					• 1	• 1 •		• 1 •			2.5 2.5	2.3 r.c		
5/ 37				_ ~	.1 .1			•1 •						
2/ 35					1 1 2	• 3 •		1	7		- 1	71	-	
-4/ 93			. 7 . 0		.3 .7	- 2		. 7			12.	123		
12/ 21			1	4	1 1.0			7	• •	- •	2 6	756		
1/ 79	• -,	. 3	4 1		.3 .3	. 2		-			27	208		
7 / 77		•1 •2	.3 .7		.4 .2	•			• •		1 - 5	195		
15/ 75	• ~	.1 .4	. 5 . 8		.3 .7	-					2 +	241	د	
74/ 73	• 7 • 0	.3 .4	.6 1.3	. 6	• 3	•				****	2:3	273	23	
71/71	• ?	• 3 • 3	. 7 1.4		.2 .5						345	340	57	
7 / 55	• 1 • 7	.4 .9	1.5 .6	. 4	.1	•					3 1	3/1	171	
6. / 57	•1 •7	.4 1.2	• 5 • 8		• 0		-				276	297	311	2.
-6/ 55	•5 •6 1 • 3	1.4 1.1	• 5 • 7	• 1			-				431	431	4 7 3	7
~4/ 53	•3 2• 2• 2• 9	· ·	2.5 .4	• 1							10.5	1332	593	311
117 41	•2 1 • 6 3 • Y	1.9 1.7	.5 .1	• 2							674	674	743	291
/ 59	•2 2•3 3•5	1.5 1.1	•? •.								655	655	845	5
50/ 55	2 2 2 2 3	2.1 .5	• 1								542	542	935	73!
547 53	• 2 2 • 2 2 • 3	1.5 .6	• 3				•				367	367	814	95
12/ 51	.3 1.1 1.3	• 2 • 2									323		841	931
5 7 45	1 9 0	•1					•		·		173	227	620	522
45/ 47	1 1 . 2	• 1									10:	106	309	719
45/ 45	2 8 1						+				2 2 2	34	152	95
44/ 43	.1 .1 .1											22	52,	31
+2/ 41	<u> </u>				+ +		•	-+	+	1	16	16	26	15.
4_/ 39	וכ. כ. ור.	1									, ,	5	18	15
33/ 37	• 2							-			2	7	3	44
35									4				4	26
34/ 33													-	(
32/ 31		8		1					10					1
Element (X)	Σχ'	2 1	1	°A	No. Obs.						h Temperatu			
Rel. Hum.						3 0	F	1 32 F	≥ 67 F	• 73 F	- 80 F	• 93 F	T.	rai
Dry Bulb						_ +	-		 	 		ļ	-+	
Wer Bulb			+						+		_	-	+	
Dew Point									1	<u> </u>			1	

1 -147 -- AASTEIN AS SERMANY

PSYCHROMETRIC SUMMARY

STAT ON		STATION NAME		- 4 03		¥ſ	ARB				MONTH
									- 1 -		ALL MISTES T
Temp		WI	ET BULB TEMPERATU	RE DEPRESSION	(F)				TOTAL	TO	TAL
(F)	0 1-2 3-4	5-4 7-8 9-1	0 11 - 12 13 - 14 15 -	16 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 20 29 -	30 + 31	D.8. W.8.	bry Bulb Wat	Bulb Dow Pe
1.	1. 16.521.	115.411.5 2.	7.7 6.3 3	2.7 1.5	1.1	• 4 • 5	. 4	. 1		744	743
			• • •	• "		•	-	•	7437	. 7	479
		grow show a vision destination of the state			•						
	•				+	•			• · · · •		
		• •						•		-	•
				•				•			•
		•			•	-	+				_
			•	*		•		<i>i</i>		•	5.
						•	•			•	•
			• • • • • • •	er 🖐 diller och bliver 🏧 👓	•—	•		+	-		•
-		1		• •	•			 -			•
•		•			•		-	-	-		
numer or determine					• • •		***		-		
		· · · · · · · · · · · · · · · · · · ·	· • - ·		• • •	•					-
							-	•	•		
				!	-					•	
	+				-	•					
Element (X)	2 %	Zx	T on	No. Obs.	i 1		Mean No. e	Hours with	Temperatu	•	· · · · · · · · · · · · · · · · · · ·
Rel. Hum.	3589354	5 499097	67.117.993	7439	10F	1 32 F	+ 67 F	• 73 F	- 80 F	• 93 F	Total
Dry Bulb	3131510		64.6 9.981	7443				157.4	71.2	r • 5	7
Wet Bulb	2487541 2050568		57.5 6.212	7439 7439			57.5	2.6			74

1

STATION	TAMSTEIN AB 3	STATION NAME		74-83		· ·	EARS				MONT	
									215	1 1 1	1335-	320
Temp		V	ET BULB TEMPERATUR	E DEPRESSION	(F)				TOTAL		TOTAL	
(F 1	0 1.2 3.4 5.6		10 11 - 12 13 - 14 15 - 1			- 24 25 - 26	27 - 26 29	30 + 31	D.B. W.B.	Dry Bulb		- Pr
74/ 71			>		•	•	• • •		•	7	•	
771 74			2							4		
231 23.	• • •	4	รั	•		•			1.	1.5	•	
5 / 57	• 1•	1 . 2	1						4	24	_	
5/ 60	• 7 1 • 7 1 •	4 .7 .	1						٦.	4 ~	5	
34/ 5.	. 2. 2. 3. 4. 5.		1						147	147	?6	
1 2/ 51	.5 1. 5.7 4.		ī						1 1	131	73	
1 50	• 3 2• 3 9•1 1•					. =			. 11	113	100	
5:1 57	.2 3.9 5.6 2.								124	124	172	•
51/ 55	1.2 5.3 4. 1.								. 1 1.	121	144	1.
4/ 53	.5 2.5 4.4 1.	1 • 3							' 4	5 4	139	1:
12/ 51		1 .2							34	30	135	1.
12/ 45	.5 1.5 1.5	• ?							7 -	. 0	6.3	;
4:/ 47		ge e							. 17.	14	46	
4:1 45.		ï							1 7	17	32	
44/43	• • 1. • 2. •	$\frac{1}{1}$									7	
42/ 41	• 7	1							7	5	11	
7// 37					• • •						2	
76/35											1	
34/ 33								•	• •		<u>i</u>	
72/ 31	1											
31/27		•			•				•			
~: / 27												
STAL	4.524.443.919.	2 5.7 2.	7 . 2				•				- • •	C
									4 0	, ,	930	
	•			-	• • •		•				, , ,	-
•					• • • • • • • • • • • • • • • • • • • •	•	• • •	•	•			
					1		4	54				
	-			-	• • • • • • • • • • • • • • • • • • • •			-	•		-	
				11			10.	1				
		•				+				•	-	
		1	11 10		11.							
Element (X)	2 1	2 x	T ",	No. Obs.			Meen No. o	Hours wit	Temperati	***		
Rel. Hum.	5007207	74163	79.710.309	930	2 0 F	1 32 F	≥ 67 F	• 73 F	- 80 F	• 93 F	Te	101
Dry Bulb	3270553	54327	58.4 5.393	930			4.4	• 3				5
Wet Bulb	2819842	51014	54.9 4.814	930		13.2				<u> </u>		9
Dew Point	2543319	48385	52.0 5.258	930		-3				L	1	5

STATION	PARCIEIN AS	STATION NAME			4-9 (- Y	EARS			-	MON1	
										≥ ≴ ⊹		: 300-	<u>, 5</u>
	-		7 0111 0		RE DEPRESSION	/ # \				TOTAL		TOTAL	\$. T.
Temp . (F)	0 1.2 3.4	5-6 7-8 9-1					- 24 25 - 26	27 - 28 29	30 + 31				ew P
72/ 71		• 1		•				•	-	•	1		
7 / 59		• 1 • 1									,		
5-1 67		•	• 1	• •	• •	-•	•		•		₹	•	
55/ 55	• 1 • *	• • 4								17	1 7	1.	
-4/ 53	1.1 2.3	3.1	7							' 7	77	5	
-/ 51	.7 1.3 5.7									. 7	97	45	
17/ 59	4 3.0 7.	1.2 .2						•		117	117	5.1	
4 / 57	.1 6.7 4.2	1.5								117	117	123	
1 55	.5 5.5 5.3	• 2 • 2		•					•	121	125	143	1
14/ 53	1.7 4.6 4.1	• 1								• 6	∀ 3	1 1	1
27 51	1.9 3.7 5.3	• • • • • • • • • • • • • • • • • • • •	- •							191	101	147	1
531 45	.3 1.9 2.7	• 1								: 3	4.3	73	
40/ 47	.3. 5	•2 •1		• • • • • • • • • • • • • • • • • • • •		•	•		•	. 0	43	73	
45/ 45	.8 7.9 1.1	.2 .2								40	4 3	47	1.
54/ 43	.4 1.7 1.1	• 1		•					•	? -	24	27	
42/ 41	.1 .7 .2										,	1 6	
3.7 37	. 2 . 1	•1			•	• ~ • ~ •	•	•		, ,	- 0	1:	
3-1 37	• 1	• ?								7	3	12	
70/ 35	• • •	• • • •	•			•		•			•	1	
14/ 33												1	
72/ 31		• • • • •					•			•		٤'	
- 11 74													
2.1 27				•		+-		•	•	•			
25/ 25	10 pr 41 a	2 2 2 2											
DIAL	7.637.741.51	7.7 2.8 .	2 .1				-			•			7
										F 13		93B	
•		•		•							•		
													- Transier
			D.		11 11								
	·		1	1		. 1							
Element (X)	2 x2	2 1	I	•	No. Obs.		······································	Mean No. 6	d Hours wit	h Temperati	110		_
Rel. Hum.	6517746	77378	53.2		233	2 0 F	1 32 F	± 67 ₽	≈ 73 F	- 00 F	+ 93 F	Te	rel
Dry Bulb	2576343	51439	55.3		933			. 6					
Wet Bulb	2594907	48867		5.469	930		• ?						
Dow Point	2375862	46690	50.2	5.853	930		1.3				1		1

SEBBAL CLIMATOLOGY BRANCH JYAFETAC ALG BEATHER SERVICE/MAY

PSYCHROMETRIC SUMMARY

1 J14 1 LAMSTEIN AB GERMANY 1600-3500 HOURS (C. S. T.) 2635 1

Temp					E DEPRESSION		- 11-1		1000	TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4 5	-6 7-8 9-1	0 11 - 12	13 - 14 15 - 1	6 17 - 18 19 - 20	21 - 22 23	· 24 25 · 26	27 - 28 29 -	30 + 31	D.B./W.B. (by Bulb 1	Vet Bulb C	lew Per
75/ 75		•								10	3		
7 1 71					=	. =.					<u>l</u> ,		
_/ > -		• 1								1	1		
5 / 51					-								
.5/ 55	• 1	. 4								,	Ģ	1	
4/ 53		7 7	1 .						-1	<u>></u>	5.5	- 4	
										101	101	20.	1
	• 1 2 • 2 • 3	•	1.								83	59	ذ
	•3 5 • 8 5 • 1	• 3	•							124	124	a 7	5
$\frac{557}{4} \cdot \frac{55}{53}$.	301	- 1								1 3	133	125	7
4/53	.7 4.5 4.7	• 1								5	93	155	11
12/ 51	1.5 7.8 4.4	<u>• 1</u>			• •					<u> </u>	96	137	14
	1.1 2.4 2.5									7.1	5 0	171	11
4 / 47	1 1 3	•1,								- 1	4.1	72	5
46/ 45	1.1 3.5 1.6	• 3								1	ن 1	54	11
44/ 43	3 1 3 4	• 2							-		24	32.	6
427 41	.4 1.3 .1	• 1								1	1 *	27	3
43/ 33	•1 • ¢ •4	• 1.			+					. 1	11	12	1
F7 37	•1 •2 •1									4	4	10	1
7 1/ 35		• 1								1	1	7	1
74/ 33	• 1									1	1	3	
32/ 31					• • • • • • • • • • • • • • • • • • • •							1	
75/ 29													
2 / 27					·					+			
12/ 21													
TAL	7.439.747.7	9.5 1.7	4								7 E	+-	٠, ج
										923		9-5	
					•								
					9	·				h .			
			+						-				
								¥			·		
Element (X)	2 g'	2 x	¥	•	No. Obs.			Mean He. e	d Hours wi	A Temperatu	/•		-
Rel. Mum.	6536954	77425	33.4	9.117	923	1 0 F	1 32 F	≥ 47 F	• 73 ₱	- 80 F	• 93 F	Te	tel
Dry Bulb	2313454	53756	54.7	5.392	928			•5	•	3		1	9
Wer Bulb	2537963	48249	52.0	5.630	928		•1	• 3					9
Dew Peint	2323721	46101	49.7	6.314	929		1.4			+	 	-	Š

AM 0.26-5 (OLA)

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TECRAE DELMATOLOSY RRANCH USAFETAD AIR AFATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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4.

1 14 0 / A MSTEIN AS SERMANY 74-83 AUT MONTH MONTH PARM

7

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | a 31 | D.B. W.B. Dry Bulb Wet Bulb Dow Poin 4/ 53 - / 79 7 - 1 77 . 4 7 : .1 1.2 1.7 • 1 74/ 73 .5 1.1 1. • 4 1 • 5 1 • 1 761 71 35 .7 .4 2.4 2.5 .1 .2 .7 1.1 2.4 .7 .4 .1 1.5 3.8 2.9 .5 15/ 59 : 5 ~ ? 5-1 57 12 16/ 55 .2 1.5 3.8 2.9 1.2 4/ 53 .1 7.7 4.4 4.4 1.6 .1 1.2 5.5 2 0 .3 2.3 3.5 2.9 3.3 75 2 0 1 5 15.5 52/ 51 • 5 111 35 . 5 12/ 57 CA 146 c 4 1 / 57 .2 1.0 4.9 1.9 134 152 •1 .1 2.2 2.7 1.4 501 148 53 5 50 137 4/ 53 • 2 22 113 15/ 51 . 1 17 157 17 51 5-1 49 37 76 .1 •1 43/ 47 14 73 45/ 45 E, 1 44/ 43 16 ُن 42/ 41 45/ ₹5 3/ 37 32/ 35 34/ 33 1 TIAL 1.212.125.127.516.410.4 4.1 1.6 927 727 927 Element (X) Ŧ No. Obs. Mean No. of Hours with Temperature 927 4823245 71.112.145 63.1 6.314 55913 58729 Rel. Hum. 10F 1 32 F # 47 F ■ 73 F - 80 F - 93 F Dry Bulb 22.5 3393584 53292 57.5 4.635 927 Wet Bulb 53.2 4.931 927 2650574 49359 Dew Point 93

NOBM 0-26-5 (OLA) REVISE REVICUS EBHICHS OF II

USAFETAC FORM 0.32 E //

4

1 1147 STATION PAMSIFIN AS SERMANY 1200-1460

																			HOURS IL	. \$. T.)
Temp.							BULB										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 25 -	26 27 - 28	29 - 3	0 - 31	D.S./W.S.	Dry Bulb	Wet Bulb !	Dew Pe
. 51 31						ì							• 1		1		1	1		
1/ 33											- 1	-1			•		Ĺ	2		
18/ 97												• 1)	Ģ		
15/ 85									. 1	• 2	• ?	•1		47				7		
24/ 25			•					• 2		• •		• 1					17	17		
37 51						• 1	• .	1.9	2.5	1.7	• 1						- 6	6 €		
27 43		•				• 1	. 4		2.2	. 4	• 21				•		47	47		
7 1/ 77							1.3	2.5	2.4	. 4							. 6	6.6		
75/ 75					1.1	1.	2.	1.7	• 2		-		•		•	•	2	()	•	
14/ 73			•	• ?	. 5	1.1	3.7	1.1	. 5	. 1							t,	63		
72/ 71		•	• 1	• 3			2.				•		•				- 2	72	3	
7:1 69		• 1	. 4	1.5	1.1	3.	2.	. 3									94	80	$^{\sim}1$	
5 / 67		• 1	-			2.	• •	• 3	. 1						•		67	67	5.2	
35/ 55		, ,	1.1	2.3	2.0	1.4	1.4	. 4		.,							3	33	76	
447 53		5	1.1	4 . 7		3 . 4	9							•	+	•	134	134	173	3:
527 51		. 9	. 5	7.5	1.2												5.7	57	156	45
53/ 57	-							·		+	•						4, 4	44	134	7
56/ 57		. 6		1.2	• •												27	27	110	30
55/ 55		4				• !		•	•	•					•		: 5	10	102	164
54/ 53		•		• -		•	,											4	69	139
-27 51				•	•		•		•	+						•		-	77	111
5.14,				ŀ															1:	77
43/47		+	-	-	•				-	•					•				15	6
45/ 45																			,	_
44/43					•		•	-		• • •					•				3	5
42/ 41										i										- 4
41/39		•		•	•		+			•					•					<u>} </u>
35/ 37				1																
30/ 35		+		-	-		•			+				-	•	+		-+		
			• •						. 72			- 11								,
DIAL		3 . 4		14.4	13.7	1/07	16.6	12.3	8 • 5	3.9	1.5	. 4	•1	1				929	2 2 2	925
										1						, !	979		6.5	
		+								-					1	-				
										İ										
Element (X)		Zz'		-	Z y			•		No. Ob	+				40 06 0	40	Temperat			
Rel. Hum.			4212			1 2	X 7		- 1				7	- ,		- 73 F	- 80 F			ete l
			6217 2337		527 650		56.7 70.1	7.1	10	- 8	29	2 0 F	: 32 1		• 5	34.6		• 93 F		9]
Dry Bulb													 			34.6	110	3		
Wer Bulb			D134 5464		559 494		53.2				29		-	8	. 4			+	-	9 1
Dew Point		(0)	0404		777	C J	2305	>• ₹	71	y	5.7		1		• 3					93

USAFETAC NOW 0.26-5 (OLA)

1 5140

STATION

RAMSTEIN AB GERMANY

4936575

3459151

2500147

STATION NAME

PSYCHROMETRIC SUMMARY

68.3

10.4

20.1

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43.5

93

93

240E 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 L 31 D.B./W.B. Dry Bulb Wet Bulb Dew Paint (F) 2/ 25 • 1 4/ 73 -:/ 91 • ? 4 • i • 1 0 / 92 61 . 4 37 . 5 • 1 14 14 15/ 25 44/ 43 • 7 1.9 33 . 4 7/ 81 1.4 3.0 3.1 177 • ? 1.0 2.5 1.7 1.7 7-/ 77 . 1.4 3.7 1.6 1.6 75/ 75 • 3 2 • • .1 .4 2.5 6.7 t 7 . 6 . 4 . 9 74/ 73 .9 2.2 • 5 € 4 2.3 7:1 71 .5 1.7 • 9 3.9 • 5 . 1 51 77/ 59 . 1.0 1.9 5.4 2.5 5:7 57 .1 1.4 1.3 2.3 '6/ 55 4/ 53 • 7 1•1 1•1 1•5 1•3 •6 2•7 2•2 3•4 • 6 · D 106 .4 1.6 2.7 109 135 137 25 527 51 . 0 1. 3 .5 1.3 1.1 FO 140 40 1.1 50/ 59 . 4 . 4 •? .0 20 150 68 . 4 51 57 . 6 14 111 57 55/ 55 • > • ! 30 1:3 4/ 53 43 59/ 40 134 75 42/ 47 4:/ 45 .1 Z 14/ 43 17 427 41 43/ 33 ۵ 31/ 37 36/ 35 TAL 2.5 5.2 3.2 9.415.917.513.413.1 9.5 4.0 2.2 930 Zx' No. Obs. Mean No. of Hours with Temperature Element (X) 2567358 Rel. Hum. 47994 51.614.322 930 s 32 F #47 F # 73 F #80 F #93 F

933

937

į.

A Company of the Comp

72.4 7.797 60.8 4.519

52.6 5.428

67369

56563

48915

74-05

and the same of th

0.26-5 (OLA) HVISD MEN

SAFETAC NOW 0.26

Dry Bulb

Dew Point

CLORAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

RAMSTEIN AB BERHANY 175140 1870-2000

- 1						WET	AUL B		ATURE	DEPRES	SION /E	· -					TOTAL		TOTAL	
Temp. (F)	0					WE 1	11 12	12 14	16 14	17 10	10 20	, 22 2	2 . 24 28	24 27	20 20	20 - 21	D.B./W.B.			Dam Pair
74/ 93		+	-	-	-	y . 10		-	15 . 10		19.20	1 . 44 4		20 27	-	30			+	
71 91					1					1	3		• 1		40		1,	2.		
71 33		•	4 -		•		•				• 1	. 3	• 1		-					-
12/ 37											-		• 1				1 -	13		
5/ 85			•		•				• 1		• 3	• 5,		-	-			1.3	-	_
4/ 53					,				• 1	3	• 5		•				•	•		
18 /cc			•					• 1	2 4	2.2	• 4: • 7:	• 1	• 2				2 to 5.7	25 67	-	
13/ 79																	•	_		
7:1 77				•		• 1	1	1.1	1.0	1.1	. 4	• 1			-	•	+ 2	7.2		
75/ 75					. 2						• 5									
74/ 73		+	•	•				2.6	• 5		• 1						: 6 7 6	<u> </u>	-	
			-	• 5	. 6			1.7	• 5								•	74		
72/ 71			• 7		2.5				• 2								<u> </u>	8.5	<u> </u>	
61/ 57		• (• ;		1.5		1.8			,								50	8	
55/ 65		• 1			2.3			. 4		-		•-					73	73	69	
54/ 53	,	-			2.2												: 2	6.2	175	1:
52/ 51	- 1								,								134	134	114	2
10/ 59		1 • .	1.2			• ?											្ត		137	4
5:/ 57	. 1	• • •				• 5								-	-		34	34	166	6
55/ 55	_		-			• 1		1						!			-	22	127	104
147 53	• 1	- 1	• 5	• 3	+	• 1			-	,		-	•	<u> </u>	-	-	11	11	171	129
12/ 51			• ?	j	. 1														-	1.1
57/ 49		•	• (!	0 1												·		<u> 30</u>	12
45/ 47			i																	8
45/ 45		,		• 1			-			-				+		-		i _	2	_ 6
94/ 43			1		1		1													170
42/ 41		+							-	-+	-				-			- -	I	21
43/ 39									1	1										2
30/ 37		.			+			+			+		+		-			-		
											1	11								
35/ 35 DTAL	7	1 2	6.5	3 3 9	14 63		16 3		7 0	6.7	7 6	1 6	-		+	-		937		930
71 F L	•)	201	3 . 2	1101	10001	30	1207	11.9	1 . 5	0.1	304	1 0 2	• 5			İ	0.75	4.2 J	0.75	75'
			-							+	-	-	-	+	+		930		930	
Element (X)		Z _X '			ž _X		X	·.	Ι,	No. Obs				Moor	No. of	Hours with	Temperatu	70		
Rel. Hum.			1487		5100			14.8		93		10 F	s 32 F		67 F	≥ 73 F	≥ 80 F	≥ 93 F	To	otal
Dry Bulb			0541		6573			7.6		93				6	1.3	37.4	14.2	•	1	93
Wet Bulb			0123		5598			4.5		93					8.0					93
Dew Point		260	7098		4897	15	52.7	5.4	31	93	0			1						S) 2

USAFETAC NOM 0.26-5 (OLA) REVIED MEVIOUS EBRIONS OF THIS NOM ARE DESCRITE

2

SECRAL CLIMATOLOGY BRANCH STAFETAD ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point . 5 7:1 77 1 2 . 1 13 75/ 75 74/ . 5 • : . 4 • i 1 • . 1 72/ 71 . 9 1.3 73/ 57 1.1 1.2 2.4 1.3 64 5 / 57 • 1 .5 1.5 2.9 1.2 1. 60 6/ 55 .5 1.4 3.4 1.4 . 1 74 .8 2.5 2.6 5.9 2.6 2.4 44/ 63 77 174 -21 51 1.7 5.4 3.5 1.9 .? 11, 117 135 35 13/ 57 1.6 5.7 3.3 1.1 134 111 111 64 .3 2.3 3.4 2.7 5.4 57 1. 2 1 . 3 99 c : / 55 .2 1.5 2.0 1.4 127 154 .3 1.2 1.3 .9 54/ 55 35 • 1 117 147 72/ 51 .4 1.1 17 120 F:/ 49 • 4 66 4 1 47 • 3 75 45/ 45 o i 54/ 43 19 4./ 41 43/ 39 33/ 37 15/ 35 34/ 33 33/ 29 1. 13.125.528.314.9 3.7 4.1 2.3 9:1 Σχ' No. Obs. Element (X) Z x T 7, Mean No. of Hours with Temperature 4923125 3597171 930 *67 F * 73 F * 80 F * 93 F 66523 58367 71.612.597 62.8 6.354 = 0 F s 32 F Dry Bulb 22.7 53246 57.3 4.655 930 Wet Bulb 3368666 23 49350 53.1 5.224 930 Dew Point

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DM 0.26-5 (OLA) REVISED PREVIS

USAFETAC NOW

MEDRAL CLIMATOLOGY RRANCH MONFETAC PIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

176147 TAMSTELN AS GERMANY
STATION STATION A L L HOURS (L. S. T.) o∆b∈ :

- TO

Temp.						WET	BULA	TEMPER	ATURE	DEPRES	SION (F)						TOTAL		TOTAL	
(F)	0	1.2	1.4	5.4	7.0							. 22 21	. 24 25	. 26 2	7 - 28 29 - 30	h 31		Dry Bulk		Dew Pain
75/ 73		-		-				13.14	13 . 10	.,				. 71			,	~		
4/ 23									,				-		1		2	٠,		
7/ 21	-	•						• • • • •		•		74	•	• 3		+	7	-		
											•		• •	• 5				10		
3/ 37		•	•			-					•	• 2	• 0				1 7	3.3		
5/ 65									• -	•	• (• 5	• 1	,				31		
11/ 33				-				• 1	• 1	• 1	• 1	• 0	•0	•		•	(7	?7		
2/ 91						. 7	. 1			.)			. 3				71	213		
77	-	•	•				• 1	5 5	2	4	- 2	•1				•	157	167		
7 / 77						. ,			. 7	. 4	• 1	• 5					247	247		
75/ 75		•		<u>.</u>	. 3	• 5	1.0	1,7	• 2	1		-					2 4 3	243		
74/ 73			-		. 4		1.3		• 2	. 1	• .						251	261		
7.7 71			. 1	• 3					1	• 1							3 7 1	321	9	
1 57		1		- 5			9	. 4									400	455	51	,
1 1 57			- 4	• 5		9		- 2						-+		•	3:2	342	224	,
6/ 65	• -	. 2	1.7	1.5		. 7			• •										397	-
4/ 53	• ?	1.5		5.3						-						-	421	422		100
4/ 61	. 2		7 7	2.6	1 2	1 0 7		• 1										1057	571	155
-3/ 59	• 3		4.6		- 5	- 2	• 4									•	725 542	642	7/8	258 471
:/ 57			3.4		. 1	-	•										5 ÷ 9	599	1383	
50/ 55	• 3		A 1	103	• 1	• 1										+ -	· · · · · · · · · · · · · · · · · · ·	511		672 1056
4/ 53	5				• 1	• 1												333		1113
1/ 51	- 4				• 1			-	+							•	23 3 2:3	263		1059
50/ 49	• 2			į.	. 3												1 4	154	371	
47 47	• 1				- 3		-			+	-			+		-	100	134	222	570 657
10/ 45	.3		5	_	-						,									
14/ 43	.1		• 5	• 1	• 1,				+				-			•	+ 137	137 53	150	695
4.7 41								i											-	242
/ 39	• 1	• 2		• 3					+							•	+ 24	24	57	157
75/37	• 3	_	-1	• =	I					i i						i	1	21	30	6.5
21/35	• (i)	• .5	• 3	-)								-				-	+ !	7	23	45
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2/ 31		•		i						\longrightarrow	+			-		-	+	1	- 4,	2)
73/ 29			;	1				ı											3	4
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lement (X)		Z X'			X	-	X	<u>*</u> *		No. Obs.	-		T		teen Ne. of H			-		
Rel. Hum.						\rightarrow	-					1 0 F	1 32	F	≥ 67 F	73 F	- 80 F	+ 93 F	1	erel
bry Bulb									-				+	-			+			
Vet Bulb									\perp				-				-	-	-	
Dew Point			!						1			_		ĺ				1)	

USAFETAC HORM 0.26-5 (OLA)

ACR HEATHER SERVICE/HAC

175147 RAMSTEIN AB GER

PSYCHROMETRIC SUMMARY

15147	₹ A M	STEIN	AB GERMI	ANY			74-	8.3								A MON	<u>9 (</u>
STATION			STATIO	H NAME							YEARS					MON	NTH
														2 A u [•	HOURS IL	<u>. L</u>
Temp.	-					TEMPERATU								TOTAL		TOTAL	
(F)	0	1 - 2 3 - 4	5-6 7-	8 9-1	0 11 - 12	13 - 14 15 -	16 17 - 18	19 - 20	21 - 22 2	3 - 24 25 -	26 27 - 28	29 - 3	0 = 31	D.8./W.8.	bry Bulb 1	Vet Bulb	Dew Pe
2/ 27	•								,		1					•	
2:1 25								4									
~27 ~1																	
* TA	2. 1	7.724.	-16.012	. 2 - 3 .	7.3	5.2 3	5 2.5	1.2	• [• ? •	1:			7474	7437		743
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					1_			اب ا		1	4						
Element (X)	Z		2 x		X	•	No. Ob			1 20 =				Temperatu			
Rel. Hum.		7551561	513	1211	69.0	17.289	7 %		10F	s 32 F			• 73 F	⇒ 80 F	≥ 93 F	+	otel -
Dry Bulb	3	0579527		811		9.330	74 74						30.9	46.5	•	4	74
							78	C D		1 .	3 29	. Bil					74
Wet Bulb Dew Point		4344370 3491270		1174		5.513		34		?.		. 5				-	741

USAFETAC FORM 0-26-5 (OLA) REVISED REVIOUS EDITIONS OF THIS FORM ARE OSCULTE

JENBAL D JEAFETAD AND WEAT					:4									P	SY	СН	RO	ME	TRIC	C SI	UM	MA	RY
1 6143	K	4512	IV A		R M A N		··			74-	-93			YI	EARS							MONTH.	
																			FAGE			03-01 Is (C. s.	
Temp.										E DEPRI									TAL		TOT		
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 21	8 29 -	30 . 3	D.B	.W.B. D	ry Bulb	Wet B	ulb Dew	Point
72/71				•				1			i					-	Ţ			2	1		
73/ 59				• 3	• 2		, 1	4									i		1.4	14			
5-/ 57		•	•	•	- 11	•	•	-		+	+		•	•	d		•			.3	•		
55/ 55		• ?	- ±,		. 1		•												. 0	10	ŀ	i.	
4/ 53		1 . 4	2.1	1.3	• 3	1	*			•		•			•	•	•		7 9	30		ö	1

and the same

14 14 15 15 17 17 17 17 17 17	Point	212411	_	43459		5.825	900	 	.6			+		+	
Sc S S S S S S S S S				45593						2.2		 		-	
Section Sect					37.9	10.537		10F	: 32 F			- 80 F	■ 93 F	Te	
50/57 64/53 61/67 61/67 10/40 2 64/53 61/61 61/61 61/61 61/61 79/30 30/8 62/51 10/61 10/61 2 62/61 10/61 2 62/61 52/57 61/61 10	ment (X)	Z X'		Z			No. Obs.			Meen No.	of Hours wi	h Temperatu	70		
5c/57 •7 •8 •7 •8 •8 •9 •8 •9					1										
SU ST ST ST ST ST ST ST					-		++	+			+	+ +			
50 / 57 .7 .6 .1 .2 10 .10 .2 64 / 53 .1 .4 .2 .1 .1 .3 .3 .8 62 / 61 1.0 .2 <t< td=""><td></td><td></td><td></td><td></td><td>1</td><td>į</td><td></td><td></td><td></td><td></td><td></td><td>10</td><td></td><td></td><td></td></t<>					1	į						10			
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50 / 57 .7 .1 .2						+	• • •	•				• •			
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50/57 04/55 07/51 04/55 07/51 04/55 01/52 04/55 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>•</td><td>1</td><td></td><td></td></td<>												•	1		
50/57		.4 1.7				•							13		
52/57 .u .2 55/55 .2 .4 .1 .2 64/53 .1 .4 .2 .1 .3 .8 62/51 1.0 .2 .4 .2 .2 .18 5./59 .3 .2 .2 .4 .2 .2 .18 5./59 .3 .2 .2 .4 .1 .5 .5 .3 .8 5./57 .4 4.0 .2 .1 .9 .7 .2 .2 .76 5./59 .1 .3 .4 .3 .3 .1 <td< td=""><td></td><td></td><td>• 1</td><td></td><td></td><td></td><td>4</td><td>•</td><td></td><td></td><td>•</td><td></td><td></td><td></td><td>780</td></td<>			• 1				4	•			•				780
52/57 .u .2 .u .2 .u												•			
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5-1/57 .0			• • • •												
50/57 .8 .2 .8 .3 56/55 .7 .6 .1 .2 .2 .2 .2 .3 .2 .3			-												_
50 / 57 .4 .2 .6 .5 .6				• 1										-	
50/57 .4 .2 .6 .5 .6		.4 4.0 2										. 2.			
50/57 56/55 •? • 6 •1 •? · 1 •? · 10 10 6 64/53 •1 •4 2•1 1•3 •3 60/61 1•7 2•1 2•2 •4 · 2 •1 18		.: 7.2 4	.1 1.9		. 1	•						5	e, E	3.6	
50/ 57	1/ 51			-								2	1.3	_	
5/ 57						• • • • • • • • • • • • • • • • • • • •					+			<u> </u>	-
the same and the s		. 2	<u>.</u> -		· .								. n.	ı	
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SUPRAL CLIMATOLOGY HEANCH STAFETAC AIR AFATHER SERVICEZMAC

PSYCHROMETRIC SUMMARY

STATION	- 4 MS (EIV As	SERMANY STATION NAME			74-83			ARS				MON'	F
31H11VH		STATION NAME						-		P & 35	1	3370 -	- j ş
			7 8111 8 3	784888 A TIH	RE DEPRESSION	/#\				TOTAL		TOTAL	. 3. '
Temp.	0 1.2 3.4 5	. 4 7 . 8					- 24 25 - 26	27 - 28 29 -	30 - 31		Dry Bulb		Dew I
7./ 59			*******			+			+	•	7	•	
1 57		.7 .	1								4		
.:/ 55	•1 • *	.1 .2 .	5						•	- 3		-	
+47.53	• • • •	.5 .3								1	3 1	<u>5</u>	
-1 51	.5 1.7	•1 •7	11000							1.7	7.7	1 è	
/ 57	1.1 1.6 3. 3	2.2 .3								14	74	7.3	_
. / 57	•5 3•" 1•° 1	1.2 .3								, 3	6. 7	46	
55.	•5 1•7 1•3	• b.							~ •	101	135	67	
•/ 53	1.2 7.4 2.7 1	• 2									٠, ٢	135	
. / -1	7 4.4 7.7	• 5								171	151	112	
17 40	1. 4.1 2.1									د	4, 5	126	
47/47								-		. 7	17	9 5	
4 / 45	1.7 7.7 4.1									11	114	92	1
**/ *5	1. 7.1 3.1		â				F			. 5.	5 5	5.3	
4 / 41	• 2 • 1 • ?									7	4 9	5 3	
45/ 37	• • • • • • • • • • • • • • • • • • • •				•					·	20	4.5	
31/ 37	.6 .5 .6									1 7	17	17	
34/ 33	····		7		· · · · ·							13	
1.7 31	• 1									1	1	14	
17/ 25								-	-				-
-/ 27	1 1												
	13.43.43.43	.1 2.4	* .	-	•	+				•	. 0		- 5
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									-		-	-	_
		•					***				•	-	_
	Ph.			-									
											-		
Element (X)	Zxi	Z g	I	•	No. Obs.			Mean No. of	Hours wit	h Temperatu	···		
Rel. Hum.	6519977	76035		10.349	930	10F	± 32 ₱	+ 67 F	■ 73 F	- 80 F	+ 93 F	T.	010
Dry Bulb	2473531	96163		6.731	433			i.1				1	
Wet Bulb	21 9 2 3 3 4	43973		6.137	700		• 1						
Dew Point	1994728	41974		5.429	930		2.4					-+	

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STATION	AMSTEIN AB	STATION NAME			74-83		▼	EARS				MON'	_
										272	1	SSTD-	
Temp.					E DEPRESSION					TOTAL		TOTAL	
(F)	0 1-2 3-4 5	-6 7-8 9-1	0 11 - 12	13 - 14 15 - 1	16 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 × 31	D.B./W.B. [bry Bulb	Wet Bulb C	ew Pai
1. / 59		. 2					•				1.0		
5.1 57		• •					_ +				,		
16/ 55		• +								12	- 21		
+/ 62	• 5 • 6	• > • 1		• • •						٠	- 23		
57 51		1.2 .1									76.	1 4	
51/57		2.1 .3				+ +					74	38	1
53/ 55		: • 1 • 3								7 4	, 4		2
54/ F3.		• -								. 5		75	
. 27 51	1.1 3.7 4.2	. 3									5 Y	113	3
	2.3 5.1 1.		•		•	* · ·	-					113	7
	1.7 5.4 .3									71	71	176	1 :
43/ 45	2.1 7.3 4.7				-•	• • • • • • • • • • • • • • • • • • • •				174	124	89	14
241 43	1.1 3.7 2.3									ت :	5.4	F 9	
42/ 41	. 9 2 . 2 . 7	• •	•	•	•		•		•	34	34	67	5
4.131	.5 2.9 1.2									4	14	4.7	E
- / 77	•5 •5 •3						,			1	13	3.7	4
1 35	• ? 1•?					•					15	19	-
3-7 33	•1 •5 •1									1	7	16	1
31	. = = =	•											•
*)/ 2* *-/ 27	i II												
	4.743.733.51	n 1 1			- 						·)		0
1,75	107430.550.4	1.1								ລ ; ວ	1	973)
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•					1	•			-				
		,					·	1			_		
										+			
									İ				
Element (X)	2 1	2 g	1	•	No. Obs.			Mean No.	of Hours will	h Temperatu	70		_
Rel. Hum.	65982: 9	76520		10.133	900	1 0 F	2 32 F	≥ 67 F	≥ 73 F	• 80 F	• 93 F	Te	tei
Dry Bulb	2375663	45337		6.979	930			. 5					Ç, '
Wet Bulb	2115967	43269	48.1	6.305	900		• 5	+		i			9.

PSYCHROMETRIC SUMMARY

PSYCHROMETRIC SUMMARY

1 :1+3 SAMSTELY AS SERMANY YEARS 7703-1110 HOURS (L. S. Y.) 21 - 1

and the same of th

Temp.					RE DEPRESSION					TOTAL		TOTAL
(F)	0 1-2 3-4	5-6 7-8			16 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 - 31	D.B./W.B.	Dry Bulb	Wet Bulb De
75/ 75										1	1	
72/ 53.							+ -	•		+		- •
1 57		•	• ′							•	•	
5/ 55	•	7	• !			+				26		
-4/ 52	1.2 ?.	4. 7.1								- t, - 8		15
177 51	1 7 7 5	7.3 2.7	1	•		• •				•	e n	37
15/ 57	.3 2.7 5.	4.1 .5	• •	- 1						_ 114		52
54/ 57	2 . 3		• 1		•					3		* b
50/ 55	.4 4.7 4.		• 1							1 1	1.1	112
4/ 53	.7 3.2 3.	3 2.0 .9	•		4	-			-	, c		124
127 51	.7 3.9 4.	9 . 3									3 \$	116
- 1/ 47	.7 7.9 1.	3 .3				• •		•	•	2	. ?	57.1
4 / 47	.8 2.4 1.								_	- , <u>1</u>	4.1	0.1
4: / 45	.1 2.3 1.	5						•		, 3	-	43
-4/ 43				•						1.	1:	71
-2/ 41	.1 .4 .									6. 14	ζ'	17
3. / 37	. • 3. •								+	4		7
3 - / 37	•	1								ì	1	4
34/ 35 34/ 73				++	+ + -					•	•	1
34/ 31	1											1
77/ 22					• • •	•				•		
OTAL	4.728.5 31.	G24.7 9.3	1.5	1							7. a	
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						1						
•												•
	Z-,	2.			No. Obs.	1		Hom No. o	Haws -1			
Element (X)	Z _X ' 5241	2 x 3 7 . a 3	X 5 78.3	°a	No. Obs.	105	1 32 F	Meen No. o				Tas
Rel. Hum.	5524 1	3 7543	5 78.3	11.145	No. Obs. 900 900	3 0 P	s 32 F	≥ 67 F	+ 73 P	- 80 F	e 93 F	To
		3 7543 4 5359	5 78.3 2 56.2		900	3 O F	s 32 F			- 80 F		Tot

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JERRAL CLIMATOLOGY RRANCH BLAFETAC ARM ARATHER SERVICEMAC

PSYCHROMETRIC SUMMARY

STATION	EA MITTEMAS	STATION NAME		74-53		-	EARS			-	MON1	
									عيد		1270-	14.
Temp.		WET BUL	8 TEMPERATU	RE DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4 5	-6 7-8 9-10 11-	12 13 - 14 15 -	16 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 + 31	D.B./W.B. C	bry Bulb	Wet Bulb C	- P.
./ 91				- 1					1.	6		
1177		• 1	.1	• 2					. 15.	12		
-1 77		•1 •1 1		• ?					17	17		
5/ 75		•2 • 1		. 2						11		
4/ 73		.1 1.3 1 1	.1 .3	. 5					4.5	4 °		
71	• 1	.3 1.2 2 1	• 5	2 .1		-			- 7	57		
37 55		·3 1.5 7.3 1	• • 6	.? .1					7 3	70	4	
1 57		.7 2.7 1.9 1	• 1, • 3,							t	12	
5/ 65	•4 1 • 1 1	.7 2.4 1.3	.7 .1	. î	•				: 3	7.3	45	
4/ 53	1.7 2.1 5	.3 3.4 5.0 1	.4 1.0						177	177	P 5	1
2/ 51	. 4 2 . 2 1	.6 4.7 1.4	• .?			•			5	9.5	2 €	3
,/ 59	•1 •f 1•7 ?		• ?						_ 3	£3	125	7
7 57		1.5 1.7 .7	• 1	i			•		. 2	52	113	5
-/ 55	•1 •4 •6 1	.4 .9 .5							۲,	35	3.8	8
4/ 53	1 1	• • • •	-	•					3	3.3	175	ç
21 51	•4 1 • 7	•1 •1							1	21	,)	ä
1/ 49	• • • 3								U	3	47	+
-/ 47	. • ? • 4								3	•	45	'n
5/.45	• 5		-						5	ζ.	14	14
4/ 43	• 2	a made consenses contra a consenses access			•					?	6	ಀ
27 41											1	3
_/ 33												_ 1
37		·			,							
5/ 35							4					1
17 33												
TAL	•3 5 • 913 • 223	.222.317.410	· 2, · · 1, 2.	0 3						0	•	9
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				11			1					
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			-+		+ +	•	+	+			-	
		0										
emont (X)	2 g'	Z _X X	•	No. Obs.			Mean No. o	Hours wid	Temperatu			
el. Hum.	3752717		213.437	900	1 0 F	1 32 F	≈ 67 F	+ 73 F	+ 80 F	• 93 F	Te	tel
y Bulb	3744750		1 6.952	900			30.3	10.8	1.0			4
et Bulb	2917266		7 5.345	900			1.7					9
w Point	2356914	45696 50.	8 6.396	933					T	1		9

L USAFETAC FORM 0.26-5 (OLA) SEVISED MEVICUS EDITIONS OF THIS FORM AND ORGANITY

USAFETAC now 0.26-5 (OLA) REVIED REVIEWS SERVICUS SERVICUS OF THIS FORM ARE

13

BLIBAL CLIMAFOLOGY BRANCH Unafetac A 19 MEATHER SERVICEZMAC

PSYCHROMETRIC SUMMARY

1 15142 SAASTEIN AB SERMANY STATION 15 0-17(5) 743" I WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dow Point

(F)	0 1 - 2 3 - 4	5 - 6 7 - 8 9 - 1	10 11 - 12	13 - 14 15 - 1	16 17 - 18 19 - 20) 21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 + 31	U.B./ W.B. C	Jey Bulb W	Jet Bulb D	hem Pe
->/ 85			•		•	y).	-			ì	1		
4/ 55			_		• .						`		
1/ 31				. 7 1.	3				GV-1E	1.3	1 €		
1 79		•	F - 5	1.4 1.	2 .2 .5	• 1				4 5	43		
751 77			1	1.3 .	3 . 7			•		? 5	7.		
76/ 75		• 4 1 •	4 1.3	1.7 .	4 . 5					S 3	1.3		
14/ 73		.3 .8 1.	3 3.2	.71.	3 .? .:			-			5.3	-	-
77/71		.1 .7 1.	7 2.7	1.1 .	0 .1 .2					5.	5 4.		
7./ 57	• 3	. 7 1.2 2.	9 1.3	2.5	1 .3 .		•	• - •		/ 7	77	5	
5-1 57		.7 1.3 .	£ 1.5	.? .	1					2		23	
5/ 55	•1 •5	2.1 2.7 1.	1 1.4	.5 .	3					, b	75	5.9	
4/ 57	. 3 1 . 7	4.1 2.3 5.	1 1.3	1.2 .	3					1 2	152	78	1
21 41	. 2	1.7 3.3 1.	1			• • • • •		• • • • • • • • • • • • • • • • • • • •	•		76	121	
5/ 59	4 2	1.9 1.9	7 .2							4	4	111	
/ 57	.5 1.7		3			•				- 2	42	176	
5:/ 55	9 9									3 5	3.1	102	
4/ 53	7 .	1.3 .3	•		•	•••	•	•		· - 1	21	137	-
1/51	.3 1.7	•1								1,	10	- 3	1
45	.1 .2	• -				•				•		7 5	-
1-1 47	-1									1	1	47	
15/ 45	. 3 . 1					+		• • • •		· · ·	ų	1.	14
4/ 43	• 2										,	Ĵ	- (
2/ 41	· · · · · · · · · · · · · · · · · · ·		•	•	• •	•		•	•	-			- (
37 39													
-/ 37			-			•				•		- •	-
1/ 35													
4/ 33	• • •				+			•				•	
2/ 31													
TAL	4.2 7.41	4.317.517.	716.6	13.6 5.	7 2. 7 1. 7	•1		+		•	3.5		Ö
										0 J J		970	
•			+	+	•	+		•	*				
·							•				•		
ement (X)	Σ _{χ'}	2 x	X	•	No. Obs.				f Hours wid				
I. Hum.	3173761	51851		14.377	900	1 0 F	2 32 F	e 67 F	■ 73 F	- 80 F	- 93 F	Te	tel.
y Sulb	4333681	59367		7.561			1	41.7	72.0	2.0			- (
et Bulb	2992252	51662		5.454	900			2.1					,
Paint	2 5 1 5 2 4 3	45774	50.7	K-KON	900		2						

45236 50.3 6.694 Dew Point

i.

PSYCHROMETRIC SUMMARY

1 5147	PAMSTELY AS	STATION HAME			4-8]			AAS				DT -
STATION		STATION NAME					**			5A (5	11	13'6-27 HOURS (L. S. 1
Temp.		W	ET BULB	TEMPERATU	RE DEPRESSION	(F)	 -			TOTAL		TOTAL
(F)	0 1 - 2 3 - 4	5-6 7-8 9-					- 24 25 - 26	27 - 28 29 -	30 + 31		ry Bulb	
-: / =1				· 	1						L	
. / 73			1	. 4	4 . 1					1	1.7	
77 77	• • •	• ! •	3 .	. 3	• 7		•		•	1 4	14	- +
15/ 75		• 3	nie.		1 .1					7	2 1	
797 73		.1 .7 1	1 1.1	. 7 .	4					7.7	3.7	-
7 7 7!		.5 1.2 1.	1 1.	• ? •	3 .1 .	1				3	5.3	
241.22	. 7	.5 2.1 2.	7 1.	1.1	• 1					5	1 4	Ĺ
- 1 -7	• 1	1.3 2.1 1.								4	. 4	1.
13/ 55	• 2 1 • 3	2.2 1.2 1.	1 . 7	. 3	2					- 3	5	12
4/ 53	- 2 - 4	4.9 3.5 3.	a 1.5		1					1 2	1 - 2	57
-7.51	. <u>• t. ± • .</u> .	2.5 3.5 1.	4 . 2	• 1		•		t i a samely after to		135	137	39
13/ 59	1. 1.7	3.4 2.5 .	3 . 3							- 4	- 4	113
7 57	1.7 3.4	3.1 0	6 .1					•		75	7 =	124
55/ 55	01 103 107	2.1 .1 .	, 5							5	15	134
T47 53.	.7 1.3	.T .4 .	1		•			•		5 · · · · · · · · · · · · · · · · · · ·	. 9	139
72/ 51	1.2 .7	•9 •?								24	ĵ 0	2. 1
1 42.	· • • • • • • • • • • • • • • • • • • •	•1	•	••	• • •					15	17	- 1
4-/ 47	. 0 . 4									- 11	11	29
40/ 45	. 0 . 1		-	•			•			:	5	79 1
94/ 43	• 2										2	7
927 41	• 1		•	•						i	1	3
4. / 34												
2 7 37			•									
₹5/ 35												
347 33			- •		•		- ++				•	•
12/ 31	I											
STAL	1 0.211.22	2.519.115.	5 6.9	4.9 2.	4	2			•	•	0.0	. 8
										8:9		479
					4							
			-		-	1						
			-	••	-+	+			+			
								1				
Element (X)	5 ¼,	2 X	I	•	No. Obs.				d Hours with			
Rel. Hum.	3733167 3643685	50737		14.158	999	107	1 32 F	≥ 67 F	• 73 F	• 60 F	• 93 F	Tetal
Dry Bulb	2357615	56915		7.031				25.7	9.4	•6		
m	7577717	50467	2001	5.229	899			1.2			L	
Wet Bulb Dew Paint	2322433	45355	E 4 2	6.176	899		1 27	7				

U WE WILLIAM SERVICIONS OF THIS FORM AME OBSICIONE

0.26-5 (OLA) REVIOURENCE

JSAFETAC NORM

BLOBAL CLIMATOLOGY BRANCH DIAFETAC ALR WEATHER SERVICEZMAC

PSYCHROMETRIC SUMMARY

Temp.					RE DEPRESSION					TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4 5	-6 7-8 9-1	0 11 - 12	13 - 14 15 -	16 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 + 31	D.S./W.S. [bry Bulb 1	Vet Bulb D	ew Poin
75/ 75			• 1							¥1			
12/ 71		• 1		-							i.		
77/ 59			6 . 5							1.7	1 .		
4-1 57	• •	• 2 • 4	1							13	<u> </u>		
5/ 55	1.	•? •+								1 .	1 6		
74/57	1.5 3.5		. • 4		• •					175	136	13	
12/ 51		2.0 1.3									Ş.,	45	3
\$1/ 59.			2							13:	163	71	56
5.7 57										ÿ	; 5	113	5.2
55/ 55		3 . 7 . 1								13.	105	33	75
4/ 53	• • • • • •	2.								. 3	77	94	71
1 51	1 2 3 4 6 5	• 5 • 2								70	70	135	124
5,7 4	•3 3•7 3•3	•1 •1								5	5 2	133	40
4-/ 45	2.7.1.9	• •							-	45	45	9 8	114
	.4 2.9 1.2	• 2								3	43	53	169
.4/ 43	. 8 .?			-	• • •					1	•	24	56
42/ 41	•? •1									3		15	4.2
1 37										<u> </u>			14
	•1									1	1	3	11
		4									1		
34/ 33												1	-
773L	1. (31.236.12		-							•			1
11.2	1. 31.236. 2	.9 7.2 1.	,								3	200	ິ່ນີ້
										920		300	
-										•		. •	
	1												
											-		
				1		1	. !						
								1					
Element (X)	2 11	2 g	I	•	No. Obs.			Manu Ma	f Hours wit	Tomester			
Rel. Hum.	5543258	7,596		10.589	733	107	1 32 F	+ 47 F	• 73 F	• 80 F	• 93 F	T.	rei
Dry Bulb	2385521	5 36 75		5.988	935			3.1	• 3			-	90
Wet Bulb	2517235	47363		5.242	930		-	1	3			-	
Dew Point	2233167	44540		5.572	933					 		+	93
PED POINT	123310 "	44340	4703	20217	700		• 1					1	ソノ

1 -147

SLUPAL CLIMATOLOGY SRANCH 3 AFETAD ATR REATHER SERVICEZAND

RANSTEIN AS SERMANY

PSYCHROMETRIC SUMMARY

. 1

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point (F) 11 11 77 . 1/ 7: . 3 • 1 ε_i ; 30 . 4 75/ 75 110 • 1 11: 4/ 73 1 1 171 18-11 71 77/ 59 767 251 14 11 51 . 1 2 . • 3 46 3/ 55 772 27 14. 2.1 3.2 1.7 2.3 2.2 1.3 2.7 2.5 1.5 4/ 53 4.7 51 . 9 774 774 272 577 117 470 57f 1.4 11 59 252 552 • 1 574 351 1. / 57 2.2 2.5 300 716 445 51 / 55 2.0 2.9 2.5 643 553 743 647 2.5 2.7 1.5 -1/ 17 555 .7 55 725 .9 7.5 7.7 .4 -7 2.5 1.7 .1 2/ 51 628 r 4 763 3 3 373 760 524 1 / 17 . 5 1.1 320 326 8.9 6 6 3.5 1.3 .7 \$17 50 432 4:2 431 1274 . 3 1 . 3 -4/ 43 1-1 181 259 558 1.7 41 . 1 109 355 . 5 4:1 37 70 75 114 226 • * 37 .1 35 6 E 155 1./ 35 · J · 1 25 32 112 14/ 13 72/ 31 14 75/ 27 · 226 . 025 . 317 . 117 . 1 7 . 4 . 7 2 . 5 1 . 3 72 3 7149 71 -9 Z X' ZX Element (X) X * No. Obs. Mean Ne. of Hours with Temperature 74.315.58° 57.7 9.842 7199 7233 41521331 534937 = 67 F = 73 F = 80 F = 93 F 1 32 F 10F Total 415452 24529327 104.4 42.6 720 4 . 4 Wet Bulb 20425671 383593 52.9 6.506 7199 6.0 723 351902 17497483 Dew Point 720

See Control of the Co

₹ 0.26.5

SECRAL CLIMATOLOGY BRANCH URAFETAC BYY WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 514 T YEARS CACE . 0000-0200 HOURS (L. S. T.)

and the

Temp.		19	WET BULB	TEMPERATURE	DEPRESSION	(F)			11.04	TOTAL		TOTAL	
(F)	0 1-2 3-4	5-6 7-8		13 - 14 15 - 16	17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 + 31	D.B./W.B.	Dry Bulb 1	fet Bulb D	ew Pair
56/ 55		• 7	• 1	ACCES TO SECURE	1	1		1020		4.	4	100	
4/ 63	•	* •3 •1								i	7.		
12/ 41	•	•2 •1						į		:	15		
50/ 50	•1 •	7 • 3			i					1 ();	17	3	
-11 57	.1 .	- 3								. 1	:1	11	
50/ 55	.0 3.7 2.9	.7 .1								: 6	c f.	2.0	
14/ 53	. 3.2 2.	7 . 9			•			•	+	4	64	57	34
52/ 51	.4 3.4 1.5	4								3	5.3	55	4 5
5-1 43	.3 5.5 3.5	. 4			•	+				C	33	79	5
4./ 47	.7 5.5 1.	3								79	8.0	75	7
45/ 45	1.5 9.7 3.1	3 . 2		• • • • • • • • • • • • • • • • • • • •	+					l c	1.53	121	121
44/ 43	1.7 5.5 2.4									٤	3 8	105	8
47/ 41	.5 5.7 1.	7 .3	-		1	•				5 >	71	75	9 5
4_/ 39	.7 9.4 1.1									- 7	94	76	94
34/ 37	1.4 4.7 .1	. 3		• • • • • • • • • • • • • • • • • • • •	*****					6 5	65	128	a
35/ 35	1.33.4 .3	3								4.3	47	52	6
3+/ 33	.2 1.3 .1	1 '		•	•	-				1 4	14	28	5.
2/ 31	.3 1.4									1:	1 :	25	2 €
34/ 29	.2 1.1	-			•					12	12	13	2
7-1 77	• 2 • 4						1			u	.5	1.3	è
2-1 25				•						* · · · · · · · · · · · · · · · · · · ·			1
24/ 23				,									1
22/ 21					****	4				• • •			
TAL	4.353.222.1	1 4.5 .7	• 1								.,,		916
		· · · · · · · · · · · · · · · · · · ·			-			•		718		918	
	-	+ + +			!	+	• •			+			
1		1			F 0								
		1			+ +	1			+	· · · · ·			
					1	1	(Ì		:			
		†	-		1	-	• •			† -		-	
			i			. 1	1						
*		<u> </u>		· · · · · · · · · · · · · · · · · · ·						+			
lement (X)	2 x'	ZX	X	₹	No. Obs.			Mean No. 1	f Hours wit	h Temperatu	70		
let. Hum.	6338749	766	74 85.7	8.501	913	10F	1 32 F	≥ 67 F	+ 73 F	→ 80 F	+ 93 F	Te	tol
Dry Bulb	1966318	422	52 45.4	7.091	930		3.4						5
Wat Bulb	1777149	399		6.510	918		5.1				1		ע
Dew Point	1514191				918		9.1			+	 	+	93

USAFETAC 1084 0.26-5 (OLA)

ULDPAL CLIMATOLOGY BRANCH BLATETAC ALR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4.

PANSTELY AS SERMANY 1 (314) DCT HTHOM 74-23 STATION 0300-0560

Contraction of the same of the

													HOURS IL.	5. T.)
Temp.				WET BULB	TEMPERATUR	E DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1 - 2	3 · 4	5 - 6 7 - 8	9 - 10 11 - 12	2 13 - 14 15 - 1	6 17 - 18 19 - 2	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 = 31	0.B./W.B.	Dry Bulb 1	Fet Bulb De	w Pain
,4/ 5			•1 • •				111			and the second	2			
17/ 51			• 1				!			1		1 1		
1.7 59		• 3	• 1									8	ن	
-/ 57	• 6		• 1 • 1								15	15	5	3
55/ 55	-4 1.4		1.3 .1		0 0						4 5	4.	71	Ω
4/ 53		1.5	• 7								- 1		26	19
12/ 51	•5 7•5			i				1.		· ·	. 1	51	5.2,	25
15/ 47	.1 4.3										2		74	3.5
4: / 47	.9 5.3		• 2			i					, J		- 4	56
4:/ 45	1.5 7.8	4.7									123		103	152
14/ 43	1.3 6.0	?•.1	• 1'								· · · · · · · · · · · · · · · · · · ·		1 ~2	62
42/ 41	1.1 2.2		•1								ſ 7		86	137
43/ 35	1.1 8.5	• 5				i i	,				6.3		91	91
10/ 37	1.1 3.3	• F.									4.7		בר 1	96
16/ 35	•5 6.7	. 1	• 1	-	•	-					2		43	65
34/ 33	1.2 1.3	• 1	• 1								2.6		54	53
.57 31	1.6				1 1						15	15	26	29
13/ 29	•1 2•2										1	. 1	57	3 9
75/ 27	.3 1.4				h h						10	-	17	36
25/ 25	• 2											?	- 5	1 ~
14/ 23		1												Ģ
?2/ 21						·	7							
STAL	13.763.3	22.2	2.5 .9	• 1		\$ 10 m						3-1		o I ô
											713		916	
	. 1					1				1				
							++-							
	Ti					1								
				10	+		+							
1	+								- 24	1				
					ļ		 	_,						
								1						
					.		L				<u> </u>	 		
Element (X)	Z X'		2 x	T T	₹	No. Obs.			Meen Ne	of Hours wit	h Tempera	lute		
Rel. Hum.		5659	791			913	10F	1 32 F	≥ 67 F	- 73 P	→ 80 F	• 93 F	Tet	-
Dry Bulb		5114	411		7.319	933		5.4	- 37 7		+		1	93
Wet Bulb	1589		388			91B		7.0	,	 	 	+	+	93
Dew Point		5050	369			918		13.0		 	 -		+	93

USAFETAC FORM 0.26-5 (OLA)

1 1:14"

TEARAL CLIMATOLOGY BRANCH JEAFETAC ALE REATHER SERVICE/MAG

PAMSTEIN AS SIRMANY

PSYCHROMETRIC SUMMARY

STATION NAME STATION WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL **(F)** 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 4/ 57 :/ 61 . :1 1 57 57 2.4 .0 .7 2.3 2.7 1.1 14/ 53 36 2.4 50 2. 4.2 . 3 7.2 76 57 1./ 47 - 1 5.1 7.7 45 4 . 1 .7 5.3 14/ 43 91 2 . " 67 113 93 • 9 4.1 33 99 71 92 2.4 5.1 301 37 94 76 • 1. 35 75 57 341 .7 1.4 45 33 ₹1 721 .1 1. : 3 24 .7 2.3 .1 1.0 2 . 27 34/ 28 14 25/ 25 247 23 1 4 2/ 21 117 2115 10.355.727.4 7.0 31. 719 ZX No. Obs. Mean No. of Hours with Temperature Element (X) X 69325 : 2 1344998 913 7.97 Rel. Hum. 79449 36.5 2 0 F 1 32 F * 73 F - 80 F 40330 Dry Bulb 44.5 7.191 5.2 1573232 30754 42.2 5.784 Wet Bulb 918 7.8 35905 40.2 913 12.5 Dew Point

0.26-5 (CL A)

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ALBRAL CLIMATRLOGY BRANCH JOAFETAC 417 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4

1 147 STATION NAME 7530-1120

									115 2 2 2 2		HOURS (L.	3. Y.)
Temp.			ET BULB TEMPERATU					741	TOTAL		TOTAL	
(F)	0 1-2 3-4	5 - 6 7 - 8 9 -	10 11 - 12 13 - 14 15 -	16 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 = 31	D.B./W.B.	Dry Bulb	Wet Buib C	l'e
14/ 53		.4 .1		4	7				-			
51 51	.1 .*	. 1 . 1) G	13		
50/ 59	7 1.7	. 4				•		***************************************	1 :	13	5	
5.1 57	1.1 1.1	1.1				,			3	37	1 3	
357 55	1.4	1.5							4 7	• 7	25	
4/ 53	1.4 4.	1.1 .1							15	75	41 14	1
2/ 51	. C 4 . C 3 .	• .								57	76	5
6 3/ 49	3.3 4.	• 1							25	7.	92	4
47/ 47	4 5.5 3.5						-		4	7.5	32	7
41/ 45	3 8 7 5 7	• 1							124	131	103	15
44/ 43	.7 5.5 2.7	• 2							3	5.5	77	7
42/ 41	.7 9 . T. 1 . 2	• 1							Ţ,	4.3	109	11
43/ 37	- इ.स. र								<u> </u>		84	10
3-/ 37	1.1 3.5	• 1								4.5	5.5	9
357 35	.5 2.2 .1	. Ž				- • - •			- 25	5	45	6
11/ 33	.7 1.5	••								2 "	2 :	3
717 31	1 .7 .7									11	72	2
35 / 29	.1 .7									9	٩	5
117 27	- 7 7								7		1.1	1
20/ 25	• •									,		•
747 27								-				_
12/ 21	1											
777 13.												-
2111	6.357.928.9	5 . 3 . 5								-,		5
									ر چو ٠		3:3	-
									, ,		,	
			• • • • • • • • • • • • • • • • • • • •	••	- •			-			•	
											•	
				· · · · · · · · · · · · · · · · · · ·			-					
	•			+					+		•	
					1							
Element (X)	21'	2 1	I de	No. Obs.	1		Man Ma -	Maure -1	A Temperat			
Rel. Hum.	5597915	77473	34-2 8-438	923	207	± 32 F	* 67 F	■ 73 F	- 80 F	• 93 F	- · -	rel
Dry Bulb	2344711	43111	46.4 7.572	933	207	2.7	40/ F	- /3 7		1737		9
Wet Bulb	1931932	40612	44-1 6-529	920		4.2			 	+	+	
	1531732	38435	41.8 6.720	923		8.2			+	+		9
Dew Point	104/:01	30433	7100 00120	763		70 .				1		7.

USAFETAC NOT 0.26-5 (OL 4)

SLOPAL CLIMATOLOGY SRANCH BRAFETAC S W MEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

17:1+7 LAMSTEIN AE BERMANY 74-83 STATION STATION NAME

and the same

12 "0-1400 HOURS IL. S. T.I

4

Temp.										PRESSIO							TOT			TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16 17	- 10:19 -	20 21 -	22 23 -	24 25 -	26 27 -	28 29 -	30 + 31	D.8.1	1.8. Dr	Bulb	Wet Bulb !	De- Pe
5/ 75		•	1	•			• 1	. ?	- !		**		-	•		-		- 2	7	•	
4/ 73						• 1		•										4	L,		
2/ 71		•	• -	•	• !	• 1	. 1	. 1				- •				•		4			
3/ 69			. !				, ,	• •										۲,			
1 57		-	• 1		1.4	• 1												15	j ·		
1/ 51				. 7		. 4													1.5	ذ	
4/ 53					1.1	. 7								-				7 7	-		
1 51		. 1		1.2	1.7	=,												. (17	
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• ZX No. Obs. Mean No. of Hours with Temperature 75.912.150 51.4 7.560 47.5 6.231 43.8 6.414 54375b7 2013711 7>1 937 : 32 7 # 67 F # 73 F # 80 F Dry Bulb 7171337 251 43823 43314 921

MA 0 26 5 (OL A)

SERRAL CLIMATOLOGY TRANCH L AFETAC ANY ABATHOY SERVICE (A)

4797070 2754033 2754033

PSYCHROMETRIC SUMMARY

STAT ON	14SIEIV 43	SERMANY STATION NAME				14-35				YEARS					MON	TH.
STAT JR		ZIGUVO NAME											= 15	1	1 > C -	-17
Temp.			T BULB TO										TOTAL		TOTAL	
(F)	0 1-2 3-4 5-	6 7 - 8 9 - 10	11 - 12 1	3 - 14 15	5 - 16 17	- 18:19 -	20 21	22 23	24 25 -	26 27 -	28 29	30 = 31	D.S./V.B.	Dry Bulb	Wet Bulb !	Dow Pa
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7 / 77				•	• 3	• 1	+			- •				*,		
757 75			. •	•												
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1 / 57		•	3 4	. 4									٠ -	1)		
7 57		1 1 1		• 1					•	-			· - +	- 13	-	
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1 57	1. 1. 2.	5 1.5											7.1	· · · · · · · · · · · · · · · · · · ·		
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7 41	7.4 1.7	. 1											- 4	44	63	1
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ement (X)	Z g i	2 1	1	•,	Ma	Obs.	1	-		Mar	n Na a	May = =14	h Tamperatu			
I. Hum.	4797:70	55344	70.91			921	+	0 6	: 32 F		67 F	+ 73 F	- 80 F	• 93 F	T.	ete l
y Bulb	2756733	53373	53.8	7. 9E:	7	930	<u> </u>	-	. 32 7	-	7.2	2.1		- 7.		ç
e Bulk	2785528	45066	48.0			321	+						+	 	-+	

921

70.913.22° 53.8 7.907 48.9 6.113 44.2 6.413

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SELBAL CLIMATOLOGY PRAMOH Unafetan Sim Westher Servicianac

PSYCHROMETRIC SUMMARY

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1 52			4		,	_					•		•	•	•	•	•		, .			
1 57		1.	1.1	2.		,	• 1														ξ.	1.3
1 55		1.5	3.		,	. 7	٠.	•	•	٠	-	•							<u>.</u>	- 4	5.7	
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1 47		5 5		1.															7		122	7
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Element (X)	2 1	ZX	X	•	No. Obs.			Meen No. e	Hours with	Temperetu	re	
Rel. Hum.	5573043	71535	77.7	11.168	921	2 0 F	1 32 F	# 67 F	• 73 F	- 80 F	• 93 F	Total
Dry Bulb	2427279	47:27	57.5	7.285	930		• 7	2.0	• 4			
Wet Bulb	2393104	43397	47.1	5.249	921		•					5 :
Dew Point	1792445	43179	43.6	6.562	921		3.5					2.3

A Transport

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4451 IV 45 - - 1V1

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PSYCHROMETRIC SUMMARY

93

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 16 19 - 20 21 - 22 23 - 24 25 - 26 27 - 26 29 - 30 - 31 34 112 5 . 170 31 2 4 7.7 1...4 1.2' 2.1' 17 2.4 1. 1. 77014 77014 7505 . Element (X I No. Obs. Mean No. of Hours with Temperature 33.5 9.905 46.5 6.584 551287 921 930 1 32 F 2379265 1.3 43505 Dry Bulb 44.5 6.351 1356871 43939 921

42.0 6.635

2.7

0 20

USAFETAC

PLICAL TITMATCLOSY CHACCH STANFORM STAVIORAND

PSYCHROMETRIC SUMMARY

STATION NAME 1 · 1 4 -VE ARS

Temp											-	ESSION (100			TOTAL		TOTAL	
(F)	0	1 2	3 - 4	. 5		7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24 2	5 - 26 27	- 28 29	30 •	31 0	.B. W.B.	Dry Bulb	Wet Bulb	De- F
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2₈ 576497 355785 81.311.322 47.8 8.355 45.4 6.879 42.2 6.873 49534987 7359 2 32 F +67 F +73 F + 80 F 174 2555 2 27.4 Dry Bulb 7443 744 12.5 15274671 7358 331405 7-4 Wet Bulb 310170 7358 59.1 744

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LLUPAL CLIMATOLOGY HYANCH L SEETAT ALV ATATHER SERVICEMMAC

PSYCHROMETRIC SUMMARY

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1 -14" FARSTEIN AS DERMANY 1270-113 HOURS (1 5, 1

Temp		color magra						MPERAT										TAL		TOTAL	
(F1	0 1	. 2 3	. 4	5 - 6	7 - 8	9 - 10 1	1 - 12 11	14 15	- 16 17	- 18 19	- 20 21	22 23	- 24 25 -	26 27	- 26 . 29	· 30 • 3	D.8.	. W.B. (bry Bulb	far Bulb I	Dow Po
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F / 67		50	• '.	• 1	• 1,																
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1 / 4-	1 6			5														* :	6.3	5	
47 41			2		• 3				٠		٠	•						1	. 1	1.4	
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Element (X)	ž g		-	2		1	. 1	•	Ne	Obs.				-	on No. 1	of Hours	-ish To-	n peretu	•		
Rel. Hum	6	2352			7444) 3	2.7	9.388	3	933		0 F	1 32 F		≈ 67 F	• 73 €		80 F	• 93 F	T	- - 1 - 1
Dry Bulb	1	4696	3 R		3567	7 3	9.5	7.387		930			14.	_							
Wet Bulb		3179			3353			7.451		933			20.								
Dew Point	1	1424	7.5		3121	5 3	4.7	9.153	5	933			34.	0			-			i	

Element (X)	Z X'	2 g	I	7,	No. Obs.			Mean No. o	Hours will	Temperatu	70	
Rel. Hum	6235252	74440	32.7	9.338	933	1 0 F	1 32 F	+ 67 F	+ 73 F	• 60 F	• 93 F	Terel
Dry Bulb	146963R	35677	39.5	7.387	630		14.7			1	•	20
Wet Bulb	1317915	33937	37.5	7.451	933		20.7			1		79
Dew Point	1142475	31716	34.7	3.153	933		34.0					93

TELBAL CLIMPTOLOGY PHANCH PINTETAC LITE AFATHER STRVICTIONAL

175147

PSYCHROMETRIC SUMMARY

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YMAMERICA ER MITTERAS WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dr. Bulb Wet Bulb Dem Pain ς : Ε, 3 1 7 47 . 1 4: **¥** 5 .3 4. 6.7 4 1 1.3 7. 77 3.7 3.7 1.7 5.1 7. 5 1 3.5 . 5 5 . 7 1 . 4 3.5 5 . 4 3.1 .3 4.2 2 .1 4. 1 25 1.7 1.4 .1 V*/ 19 1 -/ 17 1 / 13 13 101 17 11 1 / 10142 2 1 No. Obs. Mean No. of Hours with Temperature Ī * Rel. Hum. 75227 34663 \$3.6. 7.512 \$8.5. 9.753 1 37 P Dry Bulb 47. 1259432 32954 36.6 7.564 900 26. 30464

PSYCHROMETRIC SUMMARY

STATION	-AMSICIN A	STATION HAME			<u> </u>	1 3			YEARS			-		MONT	
												1.5	i	HOURS IL	<u>. 8 _</u>
Temp					RE DEPRES							TOTAL		TOTAL	
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1 57		•	•									1	1 :		
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Element (X) . Reil Mum	241	25.5.2.2	X .	0.227	No. Obs			1 32 F	-	in No. of	Hours =1	M Temperatur	•	7	
Dry Bulb	1372487	75583	38.2	9.227	95	3	: 0 7	21.		-/-	- / 3 /		. ,,,		95
Wet Bulb	1244745	32737	35.4	7.751	93	3		27.	9			+			90
Dew Point	1395767	30306	33.7	8.521	90	כ		39.	כ						>0

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USAFETAC NOM 0.20.5 (ULA) BENEGMETERA INTEGRATION NEW ANTICOLOGISTS

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PEDRAL CLYMATOLOST REANCH PLAFETAC PIR PEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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Temp							BULB												TAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 1	4 15 -	16 17	18 19	20 21	- 22 23	- 24 25	26 27	- 28 29	- 30 + 31	D.B.	W.B. D.	y Bulb 1	For Builb D	Par
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14/ 17	• 1			• 1															4		1 4	15
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7 23	• 5	2.4																		- • .	4	7 5
21	• •		• '																1	- i	7.3	
7 2 9 1	• •	1.4																	• .	1	7.	27
-/ 25	• ′	1.	• ~																1 -	• >	1.3	201
/ 71	• ?												-				•				1 4	4 4
/ 13		• 1																	i	1	5	15
17								. = -					-						-		*	1 :
/ 15		• .																	i		3	2
-/ 1	• 1							•											٠.	1.	1.	
/ 11																						
			21. 1		. 5	٠.																-
Tite	• /	2.04	2 /		• ,	•													•			(1)
					-	•				•	•					-			3		÷ 5	
			•	•		-		•	•	•	•	•	•		•	•		•	•			
				•	-	-	•	•	•		•				•				•		•	
lement (X)		I X'		- 1	X		I	•		No.	Obe.				M	en No. c	f Hours wi	A Ten	P010 1v10			
el Hum.			3942		7473	2 6	3.	3.	-		911		9 0 F	2 32 1	•	• 67 F	+ 73 F		90 F	• 93 F	Te	tel
Dry Bulb			57 - 3		3536	1	39.3	7.			230			17.	. 2			1				7
for Bult	-	130	905		3359	1	37.3	7.	5 3 3	_	900		-	22				1				, 1
lew Point		113	2275		3130		34.5				013			36	. 2							93

1457354

1219964

35333

32405

39.8 5.736

36.0 7.588

PSYCHROMETRIC SUMMARY

90

1

-445TETY 45 DE-SANY 1 - 143 MONTH STATION YE ARS 12 18 - 14 2 3 HOURS (C. S. T. TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - + 31 - D.B. W.B. Dry Bulb Wer Bulb Dew Peint 7 . 8 • i 0.2 4 . 3.1 13 1 45 75 1. 75. 75 . 0 4 7 5 7 " 5 " 5 7.1 -1.1 70 3 0 1. 7 115 3 % 57 75 • 1 3. • 3 * 5 2.4 1.5 45 97 94 • 1 7.1 . ? 1.1 .] 43 57 . 4 1.1 24 11 12 . 1 . 1 . 1 . 1 17 3 -11/ 15 1.7 0.3 I No. Obs. 5493231 1501543 38484 77.510.329 900 900 1 32 F 6.1

733

900

1

11.2

USAFETAC NOM 0.26.5 (OLA) HESTERIA

Wet Bulb

SECRAL CLIMATOLOGY BRANCH STATAC ATPLACATHER SERVICEZMAC

PSYCHROMETRIC SUMMARY

1 STATION YANTE LE VITTERES 74-83 1 5 10 -1 700 HOURS (L. S. T.)

Temp.	WET BULB TEMPERATURE DEPRESSION (F)	DIAL		OTAL
(f)	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	D 3. V ·	, so 14	et Bulb De- Point
4/ 53	• • • 7	*1		
2/ 81.			≟ →	
/ 5?	• 1•1 • 4 • 7	C	27	
- 1 57	63 64 161 64 62	24,	24	5.
35/ 55	• 1•1 •1 •1	. 1	2.1	۵
1/52	•1. •5 1•9 2•7 •5 •1 •1.	<u>: 3</u>	5 ?	22 <u>8</u>
. / 51	•1 •7 1•5 1•. •1 •1	3	20	*3 15
1 49	1. 2. 2. 2. 1. 3	- 3.	43	45 12
5 / 47 5 / 65	3.7 3.1 7.4 .2	4	- 4	04 5
4.1 45	- • • • • • • • • • • • • • • • • • • •	1 C	137	75 99
1 / 41		1 1	121	107 60
7		7	= = = = = = = = = = = = = = = = = = = =	57 50
1 / 37	7.7 3.7 2.2 .1 .7 3.7 2.9 1.1 .1	6.1.	÷ ?	176 71 96 73
71 72	3.4 1.1 1.2 .2	5 9	61	95 05
* 1 33	• 6 • 3 • 9 • • 3	1	21	13 95
2/ 31		1 -	13	74 54
137 23	.71.7	4	15	21 59
1 / 27		1	3	21 63
2 / 25	** **			7 35
•/ 23		•	•	1 "
·/ ~1				1
111				, 3
1 / 17				
15/ 15				4
14/ 17			•	
17/ 11				•
1-1-			-	1
1115	1.737.437.524.5 4.3 1.1 .1		37	300
		\$ D		÷ :)
Element (X)	Zg' Zg g No. Obs. Mean No. of Hours with	Temperatu	70	
Rel Hum.	5341-43 5-454 73.812.255 733 207 2327 .477 .737	- 00 F	• 93 F	Total
Dry Bulb	131723 39962 44.4 6.907 750 3.6	- 53		
Wet Bulb	1537611 36751 40.8 5.578 733 3.7			,-
	1241111 52527 35.3 8.344 933 27.2			93

Element (X)	2 g'	Zg	X	•	No. Obs.			Mean No. o	d Hours wit	h Temperatu	re	
Rel Hum.	5341:43	5.454	73.8	12.255	933	2 0 F	1 32 F	- 47 P	+ 73 F	- 80 F	• 93 F	Tetel
Dry Bulb	1317237	39962	44.4	6.90	733		3.6					÷
Wet Bulb	1539611	36751	4D.8	5.578	733		3.7					, ~
Dew Point	1241111	32523	36.3	5.344	933		27.2					93

.LOBAL CLIMATOLOGY PRANCH . AFET 60 412 AFATHER SERVICEMAG

PSYCHROMETRIC SUMMARY

I IC 147 RAMENTAL AB SERMANY 74-33 10 9 - 2 3 3 3 Hours (C. S. 1.) 2635 1

Temp.					RE DEPRESSION					TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4 5	-6 7-8 9-1	0 11 - 12	13 - 14 15 -	16 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 + 31	D.B. W.B. (ry Bulb V	for Bulb De	- Poi
72/ 51		• 1									1		
13/ 57		-1						+		· -, <u>î</u> -	<u> </u>		
55/ 55										1	11		
14/ 53	1	• 9 • 7								- :	27	<u>خ</u> د 1	
32/ 51	.3 1.3 3.2	•										24	1
= 7 47	3 1 3 2 3	<u>. 1</u>				•				1	47	7.3	1.
4-/ 47	3.4 1.7	.9 .2									53	68	
45/ 45	.2 5.8 5.1								- •	175	133	5.5	ь
44/ 43	.1 4.9 4.7	• 7 • 1								-	7 3	6.8	L
·2/ 41	.1 5.5 5.4	•6 •1		-	-				•	113	113	1	74
43/ 32		•)			a					. 6	7.9	170	6
3 / 37	.9 4.7 2.7	• 5				•	. •			7 4	79	113	7
3: / 35	•1 3•3 2•6	• •		•						. 2	1.2	72	91
3+1 33	. 2 . 0 2 . 5	• ;								7.1	55	31	6
1 31	1.4 .3	• •			=					1 +	24	52	<u> 61</u>
1 53	1 2 4 1 7	• 4								4.7	4.7	30	5
3-1 27	• 2 • 9 • 9									. 17	17	32	7.
14/ 23	• 1									A	•		4
27/ 21		• •				-					-		1 1
2 / 19	1 -												
1:/ 17			•			-							1 2
13/ 15													1
14/13		• • •							+ -		•		
1.7 11												-63	
TAL	2 • 447 • 139 • 217	• 3 • 9		• .	•		•			•	. ' '	•	7. 0
					-					7.3		176	
					· •								
			++		+ + + -	•				, 			
			1					1					
Element (X)	Z x 1	Zx	X	4	No. Obs.			Mean No.	of Hours wit	h Temperatu	10		
Rel. Hum.	5714715	71068	79.0	10.661	900	10F	± 32 ₹	± 67 ₱	• 73 F	* 80 F	• 93 F	Tet	el .
Dry Bulb	1516595	37523	41.8	5.990	900		8.9						90
Wet Bulb	1421294	35238	39.2	6.833	980		15.7						90
Dew Point	1196359	32321	35.6	7.969	900		30.5						9.5

USAFETAC MEN 0.26 5 (OL A)

TEURAL CLIMATOLOGY BRANCH BEAFETAD ATR ACATHER SERVICE/MAD

PSYCHROMETRIC SUMMARY

STATION	RAMSTEIN 43	STATION NAME			74-53			ARS				MOH.	
•										25		21 70 -	-23
Temp.			ET BULB	TEMPERATUS	RE DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4 5	-6 7-8 9-1					- 24 25 - 26	27 - 28 29	- 30 - 31		Dry Buib		Dew !
1/ 59		د •				,				-			
51/57		• 2											
5:/ 55	• 4 • 4 1									•	. ,	_	
+/ 53	. 0 . 4	•9 •1									6 %	12	
12/ 51	1.5 3.									- 1	41	15	
35/ 49	•2 • 2 1 • 3	<u> </u>									20	17	
45/ 45	.7 5.3 5.1	. 4								4.5	4.5		
14/ 45		• 9,	\$10 E-1	-						. 13-	104	57 67	
41/ 41	.7 5.5 3.7	• 2 • 2								13-	104	9 5	
4: / 39	.1 6.7 1.9	.4		• • • •		-					· 2	, b	
35/ 37	1.7 7.7 1.5	.1								ي د	V 3	176	
1-1 35	4 8.1 3.1	• 2								£)	37	2.0	1
34/ 33		. 4									-56	75	•
721 31		•1			+				-		25	54	
10/ 29	.1 2.7 1.4									- 3	4 3	2	
~ 1 27	.8 3.5 1.2		•							5	٠, ٢	36	
23/ 25	.5 1.2 .1									17	1.7	37	
24/ 23	. 3 . 4	• + -	•		•			-		7	7	18	
2/ 21	• 1									1	1	5	
77/ 13	• 1		•	•		•				1	1	1	
13/17												1	
15/ 15													
14/ 13													
12/ 11		-											
1./ 9										-			
116	5.357.333.1 5	.4 .3									1.5		3
- · · · · · · · · · · · · · · · · · · ·			-		+	+	,			970		970	
							1						
					+ +	1			-	+ +			
				1		-	-		_				
				1									
Element (X)	z _x ,	2 g	X	•	No. Obs.			Meen No.	of Hours wi	th Temperate	110		
Rel. Hum.	6,97999	73543		9,923	900	5 0 F	± 32 ₱	± 67 F	≥ 73 F	- 80 F	• 93 F	Te	ota i
Dry Bulb	1478765	36299		7.520	953		14.1				1		
Wet Bulb	1333747	34105		7.151	900		19.6			1			
Dew Point	1150047	31339		8.087	900		33.4			1			

10896513 9260688

275023 251390

38.2 7.372

PSYCHROMETRIC SUMMARY

STATION	ANSTELV AS	STATION NAME			74-33		¥(EARS				MON	∂√ ITH
										≥ ∆ ,	r ,	HOURS (<u>L L</u> . S. T.
Temp.		-	ET BULB	TEMPERATU	RE DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1-2 3-4 5				16 17 - 18 19 - 20		- 24 25 - 26	27 - 28 29	- 30 - 31		Dry Bulb		Dew P
1/ 5.			-	A.O		1000		****					
56/ 51		• - •								. 1			
./ 59		•3 •1 •	1										
1 1 57	• 3		1							. 7	5.7	- 2	
E-1 27	.4 .7		1							1 - 2	147	2.9	
4/ 53	• 1 • 7 1• 1	•5 •2 •								23	2. 5	97	
17 21	•3 1•1 2•7	•3 •3 •	7							-14	314	535	
1/ 43	•1 1•1 1•5	• • • • •	1							254	256	245	13
4 / 47	• 5 • 4 1 • 6	•7 •1	121							+'1	+ 31	457	1
10/ 45	•5 5 • 4 3 • 6 1	and the second s	1		41-1-1					771	771	531	5
14/ 93	.3 4.3 3.5		1							*54	654	541	4
+2/ 41	• 5 5 • ' 3 • 1	.5 .1 .								7 t 2	79.2	532	5
12/ 34	.5 5.5 2.5	•5 •3								744	744	705	5
/ 37	1.2 3.3 ?.4	•3. •3							3.4	550	653	778	5
15/ 3E	•3 5•6 7•2	•2 •3								513	517	5.4	7
./ 33	•5 ••1 1•5	• 4 • 1								45.7	457	759	6
11	•2 2•4 1•7	•2								2 6	. 75	525	5.
1 25	.1 2.4 1.	•1								2 2	2:2	284	5.
3/ 27	.9 2.7 .1									5.2	273	257	6
o/ 25	•3 1•7 •1									- 8	7.6	2 7	2
2/ 21	.7 .9 .7									4	74	11.	1
	·2 ·3 ·7								-	. 3.	7.4	6.2	_1
1 / 17	•3 •3									3.3	2.7	25	1
15/ 15										. 1.	12	26	1
	•1									- 4	- 5	12	
14/ 13	• ; • ;			•									-
11 11													
1 7			+		++			-	+		-		-
TAL	5.353.732.2 8										77.0		70.00
	3.333.132		4 .0		+	i			-+	7225	7239	7253	72
									1	7233		1000	
			+				-		-			-	
lement (X)	2x'	z _x	X	•	No. Obs.			Hoen No.	of Hours will	h Temasies	ure .		_
el. Hum.	47553485	583751		10.509	7233	:07	1 32 F	* 67 F	• 73 F	- 80 F	. 93 F	7	erel
ry Bulb	12305466	292244		7.348	7233		106.1			-	1	+	7.
fer Bulb	10896513	275023		7.372	7230		152.0		_		1	_	7.
	03/3/03	251700		2 300	7200		132.00			-	-	-	- 11

7200 7200

SECRETAC SET ATOLOGY BRANCH ATT MEATHER SERVICEZMAC

PSYCHROMETRIC SUMMARY

1 E145 STATION NAME

2006-3200 HOURS (L. S. T.) DAGE 1

Temp.			WET BULB TEMPERATU					.,	TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4	5 - 6 7 - 8 1	- 10 11 - 12 13 - 14 15 -	16 17 - 18 19 - 2	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 = 31	D.B./W.B.	Dry Bulb 1	Vet Bulb C	ew P
147 53	• . •								1 .	17		
72/ 51									1 %	14	9	
53/ 44	•4 1•								7.	25	7	
1 / 47	2.7 .								<u> </u>		25.	
457 45	•5 2 • 9 2 •								5	6.5	56	
94/ 43	.1 2.5 1.								4	45	79	
42/ 41	•2 2•3 •								3	2.5	⁵ 5	
43/ 39	•4 5 • ? ? •	a • 1,	man committee or the com-						7 :	7.3	4 7	
30/ 37	1.5 4.4 4.)							٠ د	12	73	
16/ 35	2.4 7.4 2.								11.	11=	174	
34/ 33	1.4 5.1 2.								8 4	3 3	115	
. 7/ 31	1.0 3.4 1.								. 5	55	86	
19/ 21	.3 3.4 1.								1	5.1	5.5	
2-1 27	1.5 3.4 .			- 4 - 0.0 - 1.0 4 - 0.0 - 0.0					. 2	2.	56	
°5/ 25	1.4 2.9 .								- 2	4.2	5 2	
24/ 23	1.2 2.0 .								` 3	: 3	43	
227 21	1.2 1.4 .	3							27	2.7	3.2	
23/ 19	1.1 1.1								. 0	20	24	
1:/ 17	.3 1.2								1 +	1.4	15	
15/ 15	1.J .3	+							1/2	12	52	
14/ 13	. 4 . 7	1							7	7	7	
1:/ 11	• •			+					•	ц		
10/ 9	• 4								b.g	4	4	
3/ 7	•1	+							,		1.	
5/ 5												
ora.	17.353.724.	3 3 5 . 4		· · · · · · · · · · · · · · · · · · ·	•				+			
									330		643	
		•		+					•	•		
					L	- 1						
		•	1 1	 					•			
		1				!			1			
-		1	•									
Element (X)	Z _X ,	2 x	T .	No. Obs.			Meen No.	of Hours wit	h Tomperati	<i>H</i> 0		_
Rel. Hum.	642562	+	+ +	930	10 F	1 32 F	± 67 ₽	≥ 73 F	- 80 F	+ 93 F	Te	tel
Dry Bulb	1274817			933		32.2		1			1	
Wet Bulb	1391754			930		40.0						
Dew Point	910313			930		55.2			+	+	+	

PLURAL CLIMATOLOGY RANCH PLAFETAC AIM WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	EA VISTENAS	SERVANY			74-83		· · · · · · · · · · · · · · · · · · ·	EARS				<u>ت</u> MONT	
-		il-								28.	1	3350-	054
Temp.	N. C. C. C. C. C. C. C. C. C. C. C. C. C.				PE DEPRESSION					TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4 5	-6 7-8 9-	10 11 - 12	13 - 14 15 -	16 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 = 31	D.B./W.B.	ory Bulb 1	Het Bulb D	ew Pei
F47 53	٦ -				, .				1)	2	•	
-27 51										1.:	17		
11/47	• 4 •	• 4								1)	1 -	11	
45/ 47	2.4 1.1				_ .			·		1	31	14	
45/ 45	3 3 5 3	• 5								- 1	7.1	47	į.
24/ 43	•3 1•7 1•7	. 4						+		71	7 1	3.5	ذ
92/ 41 95/ 32	.1 7.7 1.7	• •								4 -	45	49	5
3-1 37	4 4.4 2.5	• 5,			:						75	49	. 4
33/ 31	1.6 4.2 3.1									7 -	75	58	4
34/ 33	1.5 4.2 2.7							•		1 /3	120 40	171	- 1
12/ 31	.2 3.4 1.5	• 1								. 5	, E	53	- 5
77/ 27	1.7 4.4					*******				3	5.3	74	9
23/ 27	2.3 3.7 1.5									75	73	5.4	8
25/ 25	5 2 2 3	-		113		-	-			27	27	35	6
14/ 23	2.5									- 2	1 3	. 35	4
2/ 21	$\frac{1}{2}$ 3 2 2 $\frac{1}{5}$						+			4.5	4 15	4.2	3
1/ 19	1.2 1.5									? 3	2.5	3 3	2
13/ 17	5, 4,	•									9	25	3
16/ 15	• r										ě,	5	n
1-/ 13	. 2 . 4	and adjunction of the								<u> </u>	t,	6	
12/ 11	.4 .3									1	7	6	1
157 5	• 5				•			• • • • • • • • • • • • • • • • • • • •	-	- 	žii.	<u>u</u>	
-1 7	. 3									7	7	7	
5/ 5			- •			•		+		+	7	- 4	
4/ 3													
TAL	17.255.123.5	2.7 .2			• • • • • • • • • • • • • • • • • • • •	• - •				• • • •	3.5	•	0 +
										970		93L	_
						1							
						- 1		•					
			-		-	+ +			-	+			~ .
			1										
lement (X)	2 = 1	Z x	¥	•	No. Obs.		<u>.</u>	Meen No.	of Hours wit	h Temperatur			
el. Hum.	5453428	7685 3		10.529	93.3	1 0 F	s 32 F	≥ 67 F	≥ 73 F	- 80 F	• 93 F	Te	tel
bry Bulb	1155224	31785		9.211	935		35.1						9
Wet Bulb	1348194	30146		8-743	237		42-1			+			0

0-26-5 (OLA) REVISED MEVIOUS EDITIONS O

SAFETAC NOW 0.26.5 (0

Total Control

SLOBAL CLIMATOLOGY BRANCH USAFETAC 112 WEATHER SERVICE/MAC

2") 1-

PSYCHROMETRIC SUMMARY

1 140 STATION VANSTEIN AB GERMANY

0500-1800 HOURS (L. S. T.) 28 UE 1

Temp.					RE DEPRESSION					TOTAL		TOTAL	
(F)	0 1 - 2 3 -	4 5-6 7-8	9 - 10 11 - 1	2 13 - 14 15 -	16 17 - 18 19 - 2	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 - 31	D.S. W.S.	Dry Bulb V	Vet Bulb D	ew Po
34/ 53 2/ 51		-1								5	<i>f</i> ;	-	
53/ 43		-1	•	***************************************		+		•		19	13	5_	
43/ 47	1.4 1	1 • 2								13	25	15	1
42/ 45	3 4 9 2					• • • •				7.	79	1 <u>0,</u>	2
14/ 43	2.3 2									₹4	44	53	2:
42/ 41	• a 3 a ∂ ?					•		•		· 1	- 1	49	5
43/ 34	.2 4.1 1.									5	5ر	72.	٤
7 / 37	1.9 3.4 2.			b	+			•		7 2	7.2	7,	4
15/ 35	.4 7.8 2.									. 9	, 9	75	7
34/ 33	1.7 5.3 1.		•••••••••••••••••••••••••••••••••••••			*				. 6	9 6	110	51
15/ 31	.3 4.2 1.	7 • 1								5 ,	59	0.5	54
:3/ 29	.9 5.4	4								- 3	υ <u>3</u>	77	91
201 27	3.3 4.9 .	. 5								.)	20	h 6	99
25/ 25	.3 1.9	5					•			27	2.7	43	5 9
247 23	.9 2.3									7.	2.3	_ '7	44
-21 21		4								ر ب	4	43	4
1/14	1.1 1.3						-			. 2	2.2	? 7	2
18/ 17	.4 1.1								1	1 4	14	2.1	3:
1'/ 15	1.2 .4		·							15	1,	24	3
1+/ 13	• 4	1								4	It.	4	- 1
12/ 11	• 5								- +			4.	11
17/ 7	• 5 • 1									,	<i>t</i> ,	7	2
1 7	•1 •1		•			• • •	•		+	·	<u>`</u> .	٤.	1.
-	• 5									<i>ω</i> '		5	
-13 ₋	15.259.522.	3 3 9	+	+	-	•					7.7	- +-	
114	100000000000	7 2 6 4								770	•	9 × D	33.
	-	+	•	• • • • • • • • • • • • • • • • • • • •	+					, , ,		7 \U.	
						1			1				
		•	• • • • •	++		+			-+			•	
										N 11			
•			•+			1			_	1		-	
							2						
Element (X)	Σχ'	2 x	X	•	No. Obs.			Meen No.	of Hours wit	h Temperatu	10		
Ret. Hum.	544549	2 75	32 82.	610.271	930	1 0 F	s 32 F	a 67 F	= 73 F	- 80 F	≥ 93 F	T.	tel
Dry Bulb	116121		718 34.	1 9.249	933		37.1						ç
Wet Bulb	134428			3 8.785	930		44.7						4
Dew Point	37994	9 27	75 20	2 9.515	933		55.9				1		9 3

1/4

NOTH 0.26-5 (OLA)

DEPART DEIGHATOLOGY DRANCH DIATETAI AIS MEATHEN SERVICEMAL

PSYCHROMETRIC SUMMARY

1 'F 14 7 PANSTEIN AS BERMANY
STATION NAME 5FC MONTH 0700-1100 2255 1

Temp.					RE DEPRESSION					TOTAL		TOTAL	
(F)	0 1-2 3-4 5	6 7-8 9-1	0 11 - 12	13 - 14 15 -	16 17 - 18 19 - 2	0 21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 - 31	D.S./W.S. D	ry Bulb 1	Wet Bulb D	ew Poi
35/ 55		• (,						4			
14/ 53		• ?											
12/ 51	• 7	• 1						1		1 4	17		
50/ 49	9 9	• *					`			10	1 %	17	
4 - / 47	.1 7.7 1.	• 2								3	. 3	71	
45/ 45		• 5								77	77	45	37
14/ 43	2.7 2.5	• 5								4	5.4	51	34
42/ 41	2 4 3 1 5	• 1.								<u> </u>		45	4
11/37										- 4	54	47	4
16/ 35	1.9 3.2 2.1									51	£ 7 £ 2	75	
3+/ 33		• 2								•		- 1	74
$\frac{347}{27} = \frac{33}{31}$	1.4 5.2 3.2	• 5			_+					. 5	77	126	5
() 23	.9 5 . 3									·	ί	93	78
201 27	2.7 4.7 1.4										3.2	61	105
25/ 25	4 2 5 5									₹.	34	47	55
24/ 23	.3 1.5 ·F	v			• •		+			27	77	36	4
27 21	1.1 1.5 .4										29	35	41
7 19	• 3 1 • 3						•	-		1	17	75	2 9
1:/ 17	.4 .5 .1									1.1	11	21	25
1:/ 15	.9 .4 .1									14	12	15	2€
14/ 13	• 7									رد	3	4	22
1:/ 11	• 3		• •	•		•				7	3	4	1.4
13/ 9	• 5									:		5	
1 7	• 2			•						4	4	4	5
5/ 5	• 4.										4	4.	4
+1 3													
2/ 1					+ +								٠,
TAL	14.755.726.5 3	•.3 •.1									3.4		3 ~ 0
			.			1				9.13		930	
				1		,							
			++		+					•			
					!								
	99	_	-	 _	No Ob			M M:	4.94	Vananti i			
Element (X) Rel. Hum.	2 x 2	2 x	X I	· · · · · · · · · · · · · · · · · · ·	No. Obs.		4 22 8			+ Temperatur		T.	tol
Dry Bulb	6333132	76142		9.024	933	10 F	37 • C	≥ 67 F	≥ 73 F	- 80 F	• 93 F		93
Wet Buib	1359098	39352		8.588	933		45.7					-	93
Dew Point	385905	27309		9.503	930		56.4			-			93
DEW FOINT	903063	21307	- 7 - 7	, , , ,	7 3 0		3004		L,	<u> </u>			7

Element (X)	Z X'	ZX	X	•	No. Obs.			Meen No. o	f Hours wit	Temperatu	70	
Rel. Hum.	6333132	76142	81.7	10.331	933	10 F	1 32 F	≥ 67 F	≥ 73 F	■ 80 F	• 93 F	Tetal
Dry Bulb	1191757	32073	34.5	9.024	933		37.0					9
Wet Buib	1359398	39352	32.6	8 - 588	930		45.7					9.1
Dew Point	385905	27309	29.4	9.503	930		56.4					91

BLUBBL CLIMATOLOBY BRANCH DEAFERS BLK WENTHER SERVICEMARC

PSYCHROMETRIC SUMMARY

STATION	RAMSTEIN AS	STATION NAME			74-83		Ψ.	EARS				D :	
										57.7	i	1200-	- 1 4 .
Temp.		W	ET BULB	TEMPERATUR	E DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4 5	-6 7-8 9-	10 11 - 12	13 - 14 15 - 1	6 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 = 31	D.B. W.B.	Dry Bulb	Wet Bulb [Dew P
50/ 55		• 4 • 1	,	, , , , , , , , , , , , , , , , , , , ,			i				r:		
54/ 57		•: •3				+				12	12		
-27 51	• ?	. 5 . 2								2.5	1 "		
5 ./ 45	<u>.1 .5 .° </u>	•4 •1			<u> </u>				,	. 1.	21	17	
4=/ 47	2.7 1.7	• 5								4 7	49	34	
41/45		1.5								<u> </u>	31	5 c	
44/ 43	. 2 2 . 7 7 . 3	• 5								2 1	50		
42/ 41 42/ 23		1 • 2, • 1.								<u> 5 7.</u>	5.7	<u> </u>	
5 / 37	5.3 1.2	• 5								, 4 5	74	56	
1/ 35	1 5 5 4 -7	. 9								5	<u> </u>	- b	
4/ 33	1.1 5.1 3.3	. 4								'7	3.5	71 117	
2/ 31	, 3.9 1.3	.5 .1						+		67	67		
1 23	.3 4.4 1.7	• 3								: ``	+ 3	52	
11 27	1.2 3.5 3.4	• ?	•							1	1	40	1
E/ 25	•5 •3 •5									,	17	72	•
4/ 23	.5 1.3			• •		• •-		•		1:	17		-
2/ 21	•3 •5 •1									''	Q	15	
1/ 19	•5 •1					•		•		7	7	11	
:/ 17	.+ .2											7.	
15/ 15	• ?						-		•	-	>	3	
14/ 13	• 2										- 2		
12/ 11													
1 1/ 3												•	
2/ 5	. (_
014-	3.5,50.1,31.2,	'el lez			-+					mp		6.70	9
										3 15		433	
		-	•		•		-		-	•			
				1		1							
		•	•		+			1				•	
					1			1.		17			
												•	
										<u> </u>			
lement (X)	2 X'	2 x	X	*a	No. Obs.		1	· · · · · · · · · · · · · · · · · · ·		h Temperatu		-	eto l
lel. Hum. Dry Bulb	5956908 1330051	73646	79.2 37.0	11.592 7.753	937	± 0 F	27.1	≥ 67 F	≥ 73 F	- 80 F	▶ 93 F	T•	eto I
let Bulb	1168827	32257	34.7		930		37.3		-	 			
ew Paint	954212	23762	33.9		930		51.5			 		-	9
1 0101	734586	13106	3307	20243	7 3 3		7103	L	1	1			7

USAFETAC NOM 0.26-5 (OL A) REVISED MENOUS IDNITIONS OF THIS FORM ARE OBSURER

SLURAL CLIMATOLOGY READOM STAFETAC ATR WEATHER SERVICEPHAC

PSYCHROMETRIC SUMMARY

1 5143 STATION WAMSTELV AS STRMAVY 21:5-1

Temp.							RE DEPRESSION					TOTAL _		TOTAL	
(F)	0	1 - 2 3 -	- 4 5 - 6	7 - 8 9	- 10 11 - 12	13 - 14 15 -	16 17 - 18 19 - 2	0 21 - 22 23	24 25 - 26	27 - 28 29	- 30 - 31	D.B./W.B. D	ry Buib 1	Vet Bulb D	ew Pc
53/ 57	1		•					İ			,	,,	:	- '	
5/ 55							+	+							
14/ 53			• "									14	14		
52/ 51		. 4	• 1 • 5							,		7 7	23	έ	
53/ 49		1.1 1	• • •									2	. 2	15	
95/ 47		$\frac{2 \cdot 7}{4 \cdot 2} \frac{1}{5}$	1 1.									173	103	35	4
64/ 43			.5 1.5									122	102	5 Û	
41/ 41			7 1	+ .								<u>2</u> .	(3	6 <u>1</u> 7,5	3
40/ 39			.5 1.2									3			*,
51/ 37			-5 1 - 2							****		5	, 5	93	5
33/ 35		5.4 5										110	115	7.2	7
34/ 33		5.7 3				• • • • • • • • • • • • • • • • • • • •						106	13%	135	3
2/ 31		3.7 1		• •								5	£5.	134	7
737 29		3.1 2									-		5.5	42	c
201 27		2.4 2	-									4 ,	4.7	57	12
25/ 25	3	• 5				·						1:	13	50	5
2+/ 23	• 1											11	11	19	4
2/ 21	• 1	, E					*************					,		8	3
17/ 19	. 4											4	4	y	4
13/ 17				•	- +	+	•								1
10/ 15															٠.
14/ 13							,								
17/11			-	***					-						
137 9			i			,									
1/ 7	-	ļ		+	*		<u> </u>								
5/ 5															
CTAL	7.44	4 . 5 3 2	.612.6	7.9		+	+ +	+					673		35
			1									929		929	
				•			.								
						1									
•			+			 	+	+				+	+		
												1			
Element (X)	Σ,			ZX	7	-	No. Obs.			Meen No.	of Hours wi	th Temperatur	•		
Rel. Hum.		55932		71753		12.763	929	2 0 F	1 32 F	≥ 67 F	≥ 73 F	- 80 F	• 93 F	Te	tel
Cry Bulb		13931		35419			929		20.3					1	9
Wet Bulb		12100		32929			929		32.9		1				5
De Paint		9703	7 -	29078	7 9 7	8.055	929		52.2			+		-+	9

SEAFETAS AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

I 5140 SAMSIFIN AS GTRMANI FAIR 1

1222			_			T BUL .	PUPERATE	RE DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1	- 2 2	- 4	5 - 6			the second second	16 17 - 18 19 - 2		1 . 24 25 . 24	27 . 28 20	. 10 . 11				Dan Pa
50/ 55			-		7.8 7.	11 - 12	13 . 14 13 .	10 17 - 10 17 - 2	125 - 22 23	. 24 23 - 26	20 - 20 21	. 30 . 31	-	J. 7		
4/ 53			:	•:		5-							1 2	- 7		
12/ 51	-									_						
53/ 43			1.4		• 2								1.	1.2	7	
11/ 47		•					-		-		-		+ 3	- 50		
41/ 45	75.5	7		• •									ú	33	2 5	- 2
14/ 43		• 1	3.1	• 7								- +	- "	5.3	. 3	4 7
		• •	3 . 1										33		50	
Company of the company	• • •	• •		1.1,									. 3	1.3	43	3
37			•	• 5									5.7	67	51	11
		•	•	• -						-				75	79	•
10/ 35		•	.4	• •									11 -	115	7	t.
34/ 31	1 - 1 4	• 3	• >	. 3									. 6	26	178	99
727 31	1.1 3	• 5	.7										7.	73	145	6.6
10/ 79	• • •	• 4				-			4 5	- 20 - 0			57	57	54	31
7 / 27	2.5	• 5	• 8	. 4									1.1	5.1	7.	125
7./ 25	• 3 1	• *	. >	• 1									2.5	24	50	8
24/ 23	• : 1	• 1	.1										1 :	17	25	5
27 21		• 5	.1										1:	13		25
14	• 3	• 5											13	10	13	31
1 / 17	• 2	. 4						9				40	. 2	5	5	3 -
1:/ 13		• ?					ESTA SUL						- 1		- 3	2
14/ 13																1:
1. / 11		· V														
13/ 2																
1 7	1/2		- 7		-7/										- 1	- 1
+/ 5																
STAL	11.330	. 733	. 7	5.7	• 7									*3		9.
		-											9.50		974	
•	•															
			- 1		7.				T.			1				
		1	-	-	-		100			- 7/				-	-	
								1								
		-														
		-							1 1		9	-				
Element (X)	I.	,		7	x	T	•	No. Obs.			Heen He.	d Hours wit	h Temperatu	re	-	
Rel. Hum.		1255	64		74724	87.3	11.445	932	107	1 32 7	+ 67 F	• 73 F	- 80 F	* 93 F	Te	tel
Dry Bulb	Ĭ	2754	91		33731		7.483	933		29.5			1			37
Wer Bulb		1277	_		31711		7.375	930		43.8					1	; 1
Dew Paint		9304			28437	30.£		930		54.7			-		+	91
			-		- 3			,,,,		2401		_		_	_	- 1

USAFETAC Notes 0.26-5 (OL.A) HENSEMENDISTREMENT OF THIS POSSESSES

TLOBAL CLIMATCLOGY TRANCH USIFETAC ATR GEATHER SERVICE/MAC LISTAD PAMSTEIN AB DER

PSYCHROMETRIC SUMMARY

PAMSTEIN AB CERMANY 74-33 STATION NAME STATION 3, 5 1 2130-2330 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 4/ 53 . 3 . 21 51 17 53/ 47 1.7 17 . 5 45/ 47 33 40 45/ 45 . 5 34 73 2.5 44/ 43 41 41 6.7 • 1 ذ 40/ 30 51 3.7 • 1 3.7 33/ 37 54 1.1 - 1 4 1./ 35 5.8 106 34/ 33 1.9 4.1 2.3 115 75 127 31 .3 4.1 1.5 50 11 29 • 5 3.9 1.? . 3 5 ! 52 55 2:/ 27 3.7 3.5 2.7 119 35 75 • 3 1.2 2.3 25/ 25 3= 56 73 -1 23 3 د 22/ 21 1.5 . 5 31 46 23/ 19 .5 1.5 17 37 . 5 . C 22 15/ 15 • 5 • 3 ç • 3 14/ 13 - 1 12/ 11 • 1 13/ : 1 · / 0/ +1 0,1 15.351.227.3 4.7 .2

Element (X) No. Obs. Meen No. of Hours with Temperature 63°2291 1208577 930 930 Rel. Hum. 76401 32621 1 0 F : 32 F ≥ 67 F - 80 F → 93 F Dry Bulb 53.1 93 33.2 7.925 1080587 30855 930 Wet Bulb 41.4 935335 27581 56.5

0-26-5 (OL A) REVISED MEVIOUS EDITIONS OF THIS PC

AC 1084 0.26-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH CAFERAC ATR WEATHER SERVICEMAC

PSYCHROMETRIC SUMMARY

STATION	RAMSTEIN A	STATION NAME		74-83		YI	ARS				MON	TH .
									243	1	HOURS IL	. S. T.1
Temp.		W	T BULB TEMPERATUR	E DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4	5 - 6 7 - 8 9 - 1	0 11 - 12 13 - 14 15 - 1	6 17 - 18 19 - 2	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 = 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
57 57									,	,		
55/ 55	•	.1				• • • •			14	14		
54/ 53		• 7 • 1							- 3	7 2		
52/ 51	.4 .	• 3 • 2			.				124	1.4	• • • • • • • • • • • • • • • • • • • •	
c 11 4:	•3 •5 1•	• • • /							1 3	153	89	
4:/ 47	. 7.4 1.	3)							275	276	197	
4:7 45	•3 4•2 3•	• 7							543	643	399	2 €
44/ 43		· • <u>\$</u> • <u>]</u> .					•		+:3	423	323	2.5
12/ 41	• 3 4 • 7 2 • 1	• 7							427	427	479	32
3:1 37	1.5 3.9 2.5	• 3		-	•				5 L	550	424 62s	37
'-/ 35	.7 5.5 3.8	• *							366	966	592	61
14/ 33	1.5 4.9 3.1								730	735	925	71
12/ 31	.7 4.2 1.7								505	515	880	56
77/ 29	.7 4.7 1.1			•					4.6	455	519	66
11 27	2.1 3.7 1.9	• • •							نا ^ ز	570	485	66
25/ 25	.7 1.9 .4				*		•		221	221	423	52
24/ 23	.6 1.7 .2	1							1 4 3	193	244	33
727 21	1.1 1.2 .3	•		•	**	•	•	•	1.5	192	227	29
27/ 17	.8 .9								125	126	162	25
1:/ 17	•3 •6 •3								7.0	7 -	121	24
15/ 15	•4 • 3 • .								56	5 (.	81	2:
1+/ 13	•1 •3								7.5	25	3 5	13
12/ 11	•2 •1	· · · · · · · · · · · · · · · · · · ·			+				2 ?	2.5	23	8
1.7 2	• 3 • 0							1	- 1	21	24	1.
-1/7·5	•1. •3	+			·				14	14	14	4
5/ 5	• 1								1.1	11	11	3
7/1				+				+	+			1
	13.552.527.3	5 . 5 . 5						1		7439		743
		300		+	•	-	-		7439	,,,,,	7439	173
				-11	1			1	. 4.7.7		, 7,7	
•						-						
Element (X)	2 * '	2 x	7 -	No. Obs.			Meen No.	of Hours wit	h Temperate	ure .		
Rel. Hum.	49325497	602973	81.111.308	7439	10 F	1 32 F	≥ 67 F	+ 73 F	- 80 F	- 93 F	T	etel
Dry Bulb	9925242	264206	35.5 8.533	7434		251.5						74
Wet Bulb	8320575	249061	33.5 8.049	7439		324.9						74
Dew Point	7319501	223557	30.1 9.933	7439		438.4						74

SECRAL CETMOTOLOGY RRANCH Whatetac 4 12 HEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

17:143 RAASTEIN AS SERMANY STATION HOURS IL. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 a 31 D.B./M.B. Dry Bulb Wet Bulb Dow Point (F) ":/ 17 15/ 95 1/ 32 • 5 35 10/ 21 54 1 37 97 13/ 27 35 51 1.2 102 14/ 93 • 3 257 2/ 9) • 3 6 5 535 579 ~/ 79 . 0 . 1 5 .. 7 75/ 77 • 2 . 1 • 3 74 € 748 15/ 75 3.7 897 7 7 • 5 :4/ 1575 1323 2 72/ 71 • 0 . 1 . 1 1272 1272 7 A 7.1 59 • 1 . 1 1014 1614 232 7 55/ 57 . 1 13/1 1352 718 27 -5/ 55 .] .1 • 5 • 1 1:3 . 1536 1375 14/ 53 • 3 4672 4674 1957 631 127 61 3370 3371 2729 893 . . / 59 351 3518 3267 1675 501 51 .9 1.1 1.1 . 4 . 1 3471 3471 4117 2394 55/ 53 1.2 1.2 435s 4358 4187 3431 5.3 • 7 3736 3738 5099 4070 "4/ 1.1 1.5 . 4 • 7 • 1 • 1 £2/ 51 .2 1.3 2.7 3979 3982 4823 4514 12/ 47 .1 1.3 1.5 • 4 • ? • 1 . 1 321 7 3222 4821 3259 45/ 47 .2 2.4 1.2 .3 3.4 2.5 4067 4083 5056 4706 5713 6948 5304 8644 45/ 45 . 4 • 1 44/ 43 43-3 4372 4702 4843 42/ 41 2.7 . 7 1.5 • 2 • 1 4665 4673 4763 4891 .2 3.0 40/ 39 4400 4405 4721 4515 7:1 2.2 1.4 37 • 2 . . • 7 3933 3910 5273 4500 35/ 35 34/ 33 . 2 . 7 1 . 5 • 7 4216 4219 4528 5130 .3 2.1 1.2 • 2 3335 3340 4820 4668 22/ 31 . 2, 1.5 2254 2285 4254 3520 Element (X) ZX I No. Obs. Mean No. of Hours with Temperature Rel. Hum. 1 0 F 1 32 F ≥ 67 F = 73 F > 80 F → 93 F Dry Bulb Wet Bulb

1

USAFETAC NOBM 0.26-5 (OLA)

SLOBAL CLIMATOLOGY RRANCH USAFETAC AIR JEATHER SERVICEZMAC PSYCHROMETRIC SUMMARY

TO143	RAMSTELV AD	SERMANY STATION NAME			74-83	YEARS				= 6] s		A MOI	HTH
Temp.	-	WA	T BULS T	EMPERATU	E DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4	5 - 6 7 - 8 9 - 1					3 - 24 25 - 26	27 - 28 29 -	30 = 31		Dry Bulb		Dew Poin
35/ 25	2 2 2 . 2	.1 .3										2788	
201 27	.5 1.9 .5	_ • J										2595	
25/ 25	.7 .1						•			953	960	1935	27.4
24/ 23	•1, •5, •1									734	754	393	2351
72/ 21	•3 •3 •					1 1			11	517	517	745	1542
33/ 19	• 2 • 3 • 5									422	422	494	1237
13/ 17	•1 •2 •									275	276	450	941
15/ 15	• 3 • 3 • 6									1 16	168	25%	736
14/ 12	• 2 • 1									130	136	129	4.5
1./ 11	•1 •1					-				+ 3	7.3	36	3€3
12/ 9	•1 •1								•	102	107	170	421
3/ 7	• j • D									3.5	3 +	41	163
5/ 5	.C .7				1		•			26	30	47	11
4/ 3	• 7 • 7									1.	12	15	
21 1	• 3									ر	7	5	3.
3/ -1													5.3
-1/ -3													ı
-4/ -5					·, ·								
STAL	-235.725.41	2.2 6.8 4.	7 3.4	2.3 1.	5 .9 .1	4 .2	.1 .1		.n .o	C	7639		R7501
				T.	1	v L				07521	1	07521	
				- 1									
													
								1					
						• • • • • • • • • • • • • • • • • • • •		•					
				- 17		1							
			-							+ +			
				ì				1					
			1	i						1			
					+	1		 	-+	 			
									-+				
Element (X)	Σχ'	3,			No. Obs.			Meen No.	d Hours wid	h Tamporatu	ire		
						30P	≰ 32 F	· · · · · · · · · · · · · · · · · · ·		h Temperatu	_		Total
Rel. Hum.	499373815	5463473	73.9	15.235	97521	5 0 F	≤32 F 1088 a 1	≥ 67 F	+ 73 F	■ 80 F	* 93 F		
Rel. Hum. Dry Bulb	497373815 223878509	5463473 4252793	73.9	4.134	97521 87639	3 0 F	1335.1	892.2	+73 F 467 • 4	161.2	* 93 F	• 3	376
Rel. Hum.	499373815	5463473	73.91 48.5	15.235	97521			892.2 110.4	+ 73 F	- 00 F	* 93 F		

4

SLOPAL CLIMATOLOGY RRANCH JEAFETAC AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

CRY-BULB TEMPERATURES DES F FROM HOUPLY OBSERVATIONS

LTS140 RAMSTEIN AS SERMANY

74-33

STATIO*.			STA	TION NAME						YEARS				
HRS IST		JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	OC!	NOV	DEC	ANN At
10-08	MEAN S D TOTAL OBS	9.250		7.213	7.319	5.526			5.393	5.324		7.587	34.9 8.996 930	45.3 11.775 17953
31 - 35	MEAN 5 D TOTAL OBS	9.432		7.675	7.347	5.868			5.795	51.3 6.731 900	7.319	B 53		11.292
75-33	MEAN S D		5.155	5.134		5.712			6.392	5.879		6.129	34.1 9.249 930	
	MLAN S D		7.493	7.390		7.251	7.359	54.8 7.345 932	6.314	6.384	7.072	7.890	9.324	47.7 13.777 12955
12-14	MEAN S D	3.534		5.939	8 - 474	3.875	3.739	70.5 9.142 933	7.419		7.563	7.158	37.3 7.758 931	14.952
15-17	MEAN S D TOTAL OBS	7.950	7.005	7.433		9.307	9.171	73.1 9.587 933	7.797	7.551	7.972		38.1 7.181 929.	15.239
10-23	MEAN S D TOTAL OBS	5.175	37.7 6.435	7.045	3.532	5.991	8.739	71.8 9.158 930	7.678	7.031	7.285	5.793	7.483	15.262
21 -23	MEAN " S D TOTAL OBS	3.793		6.651		7.359			6.354		5.884		8.323	13.135
ALL HOURS	MEAN " S D TOTAL OBS		7.754	3 . 274		9.922	9.665	9.931		3.842	8.355		35.5 8.533 7439	48.5 14.134 87639

USAF ETAC FORM OCT 75 0-89-5 (OL A)

SLUBAL CLIMATOLOGY BRANCH URFERAC AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DES F FROM HOURLY DESERVATIONS

175140	PARSTEIN	43	BERMANY	74-83

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STATION			514	TION NAME						YEARS				
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	S.F.P	ОСТ	NOV	DEC	ANNUAL
	MEAN	31.1	31.3	36.4	33.1	45.4	52.7	55.3	54.9	5.7	43.5	37.6	33.:	42.5
23-32	5 D	3.573	5.331	5.947	6.493	5.391	5.798	5.233	4.314	5.554	5.613	7.451	5.425	1978
	TOTAL OBS	925	345	930	573	930	933	930	930	900	718	900	930	10937
	MEAN	31.0	33.2					53.0					32.4	
23-25	; D	3.322	7.513	7.324	6.700				5.429					10.751
	TOTAL OBS	727	845	930	900	930	900	930	930	900	918	9 · D	930	13941
1	MEAN	77.7						53.4						45.9
3-33	5 D	7.311	7.813	7.719	6.563	5.29)	5.932	5.457	5.633	5.335	5.784	7.751	3.735	13.913
	TOTAL OBS	97E	346	930	300	930	933	930	928	900	913	9.0	930	10938
	. MEAN .	71.3	33.9	36.9	41.9	48.7	55.7	58.2	57.5	52.5	44.1	37.3	32.5	44.3
7 11	5 D	3.774	7.225	6.993	5.781	5.553	5.559	5.439	4.535	5.238	6.529	7.539	3.585	11.943
	TOTAL OBS	924	846	930	3.3 3	930	899	929	927	970	977	950	930	17935
	MEAN "	33.5	34.5	43.3	44-1	51.1	57.6	53.2	57.2	55.7	47.5	39.9	34.7	46.8
11-14	S D	7.711	5.224	5.273	6.248	5.933	5.813	5.699	4.543	5.345	5.231	5.735	7.336	11.677
	TOTAL OBS	927	845	930	322	930	933	930	929	900	921	970	930_	13942
,	MEAN	34.7	36.1	41.8	45.3	51.9	58.2	51.0	50.5	57.4	48.9	42.9	35 • 4	47.7
15-17	5 D	7.432	5.154	5.358	5.193	5.347	5.723	5.555	4.513	5.454	6.113	5.578	6.795	11.411
	TOTAL OBS	926	845	933	900	933	930	930,	930	900	921	90 0	929	17942
•	MEAN	₹3.3	34.5	43.7	44.2	51.2	57.8	60.5	63.2	56.1	47.1	39.2	34.1	46.6
13-23	S D	7.535	5.875			1				5.229	5.249	5.803	7.075	11.692
	TOTAL OBS	927	545	933	900	930	933	932	930	899	921	30 3	930_	17942
•	MEAN	12.1	32.3	37.9	43.8	48.4	55.4	58.2	57.3	52.6	44.5	37.9	33.2	44.2
71-23	\$ D	3.142	5.935	5.543	6.137	5.783	5.547	5.395	4.555	5.242	5.351	7.181	7.825	11.418
	TOTAL OBS	727	8 4 6	930	700	930	920	930	930	933	921	900	930_	10944
ALL .	MEAN	32.3	32.4	36.J	43.5	47.7	54.8	57.5	55.7	52.9	45.3	38.2	33.5	44.2
HOURS	SD	3.423	7.375	7.275	7.214	5.799	5.471	5.212	5.354	5.505	6.379	7.372	8.049	11.620
110000	TOTAL OBS	7439	5755	7443	7195	7443	7199	7439	7434	7199	7358	7200	7439	B7521

USAF ETAC FORM 0-89-5 (OL A)

Appendix and a second

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SLORAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DES F FROM HOUPLY OBSERVATIONS

RAMSTEIN AB SERMANY 175147

74-83

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STATION NAME YEARS MAR APR AUG SEP oct MAY JUN NOV DEC JUL 41.3 MEAN 34.3 49.8 52.2 52.3 48.2 41.4 34.7 29.9 79.4 50 5.972 7.923 3.355 7.453 5.624 6.553 5.913 5.258 5.825 6.883 8.153 9.312 11.642 TOTAL OBS 393. 930 977 973 933. 933. 973 933 913 12937 725 345 79.3 MEAN 53.2 31.3 47.9 53.5 43.3 32.5 43.3 45.5 33.8 33.2 5 D 7.355 3.513 8.527 7.494 7.353 5.699 5.332 5.353 6.429 7.347 8.413 9.504 11.570 TOTAL OBS 918 90**0**. 933 930. 930. 930 900 930 13941 727. 845. 930. 900 MEAN 27.7 26.4 33.9 32.4 43.5 48.4 53.5 49.7 45.9 43.2 29.2 ₹6.3 33.7 5 D 7.635 5.813 6.774 7.423 5.933 5.556 5.328 6.314 5.574 7.351 3.521 9.515 11.619 75-73 TOTAL OBS 845. 933 900. 933. 973. 933. 928 900 918 900 937 17938 MEAN 27.3 32.7 35.6 43.2 53.3 53.4 53.2 49.3 41.8 34.5 27.4 43.3 S D 7.552 5.364 3.234 6.762 5.437 5.337 5.941 4.731 5.634 5.723 5.283 9.523 12.352 TOTAL OBS 773. 933. 899. 729. 927. 933. 727. 933 MEAN 27.8 29.6 33.9 35.2 42.8 50.8 52.9 53.2 50.6 43.8 36.0 30.9 43.8 S D 3.546 7.558 8.335 7.371 7.372 6.733 5.263 5.441 6.376 5.414 7.688 8.345 11.499 TOTAL OBS 845. 930, 900, 930, 930, 930, 929, 900 921 933 MEAN 33.4 29.9 33.8 34.7 42.3 50.0 52.5 52.5 50.3 44.2 36.3 43.7 3.392 7.725 8.934 8.153 7.231 6.771 5.173 5.428 6.694 6.413 9.344 6.355 S D 11.336 921 TOTAL OBS 845 973 933 933 933 933 930 900 953 MEAN 29.6 29.3 33.5 34.4 42.1 50.0 52.5 52.7 50.5 43.6 35.5 30.6 3.270 7.481 9.008 8.172 7.153 6.762 5.142 5.481 6.176 6.562 7.969 6.101 43.4 SD 11.527 TOTAL OBS 927. 845. 930. 930. 930. 930. 930. 930. 899. 921 930 12942 MEAN 33.3 23.7 28.1 32.7 34.8 42.3 50.5 53.2 53.1 49.5 42.3 34.3 43.1 3.613 7.331 8.636 7.639 5.855 6.533 6.127 5.224 5.672 5.635 8.387 8.677 5 D TOTAL OBS 930 933 921 923 930; 900, 930; 900 933 930. MEAN 28.8 28.1 32.6 34.2 41.7 49.7 52.3 52.1 48.7 42.2 34.7 33.1 All S D 3.985 3.075 8.652 7.727 7.010 6.687 5.156 5.613 5.410 6.873 8.194 8.936 11.663 HOURS TOTAL OBS 7447 7198 7447 7199 7439 7434 7199 7358 7227 7439

USAF ETAC 0-89-5 (OL A)

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DL RAL CLIMATOLOGY RRANCH USAFETAD ALP WEATHER SERVICE/MAU

RELATIVE HUMIDITY

1 - 5147	RAMSTEIN AB SERMANY	74-23	
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10°°	20°¢	30°∘	40%	50°.	60°c	70	80 .	90	RELATIVE	NO OF OBS
114	1-52	1.2.2	نهوور.	11-2-1	123		97.4	. 34	<u> 53.1</u>	. 22.5		
	37-25	100.2	,100.0	100.0	173.3	53.7	95.9	. 85.3		22.1	. 52.2	921
	25-25	1.3.3	100.0	133.3	133.3	59.3	75.6	35.3	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. 21.	9.7	<u> </u>
	<u> </u>	1_3.3	170.5	100.0	133.3	63.5	05.5	25.5	56	.2.1	21.7	924
	12-1+	137.3	153.3	133.5	39.7	99.5	95.7	73.5	47.4	16.	79.	521
	15-17	135.3	123.5	100.0	99.7	99.3	95.8	57.5	79.4	12.2	75.6	<u> 925</u>
	18-25	133.2	123.5	133.3	29.9	99.5	97.5	73.9	45.3	13.5	79.5	927
	1-23	107.3	130.5	1,10.0	100.0	120.3	98.2	84.3	55.3	19.4	21.4	, <u>, , , 7</u>
10	TALS	183.3	130.5	123.5	29.9	79.6	37.1	31.2	53.3	19.	33.7	7,4.7.9

USAFETAC FORM 0-87-5 (OL A)

SELRAL CLIMATOLOGY RRANCH USAFETAC ATR WEATHER SERVICE/MAG

RELATIVE HUMIDITY

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		STATION

PANSTEIN AB SERMANY
STATION NAME

PERIOD

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(LST)	10°	20°:	30° c	40%	50° a	60°-	70	80	90	HUMIDITY	OBS
FEB	<u> </u>	12	175.5	1.2.	39.3	79.5	35.7	. 31.7	1 29.2	. 22.	21.3	:46
	00-05	11-7-3	100.0	100.2	100.0	59.5	77.3	33.1	62.3	22.3	-1	: 45
	<u>_5-05</u>	127.5	100.3	100.0	135.3	-3.3	75.5	63.1	£1.2	2	· c1.0	546
***	39-11	1.3.3	100.0	155	100.5	99.4	26.9	79.4	55.4	13.0	F) . 7	c 4 5
	17-14	122.3	100.0	79.3	90.9	94.3	93.4	59.4	35.4	17.5	*4.3	545
	15-17	130.0	133.5	99.3	75.5	85.5	65.5	44.7	25.5	7.	49.5	545
	13-21	167.3	100.0	49.9	97.9	93.3	\$1.4	55.5	71.4	10.3	72.7	545
	21-23	1.3.3	175.3	130.9	29.6	99.2	95.3	73.4	47.2	17.4	74.9	340
	<u> </u>											
and the second	Section Selected Vision de											
10	TALS	132.5	100.0	99.9	99.1	95.3	99.6	57.9	47.7	15.6	77.5	6765

USAFETAC FORM 0-87-5 (OL A)

in a series

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DEBRAL DEIMAIDLOGY RRANCH DEATEAC AIR WEATHER SERVICEMAC

RELATIVE HUMIDITY

TOTATON

RAMSTEIN AS SERMANY

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAC	GE FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(LST)	10°.	20 °c	30° c	40°°	50° €	60°c	70	80	90	HUMIDITY	OBS
AAR	.20-02	122.2	.123.1	1133.5	33.1	, 37 _{•4}	2	71.5	42.5	12-4	. 76.5	
	, <u>33-35</u>	1100.5	100.0	122.5	29.5	73.2	91.7	75.9	<u> </u>	14.	7	97
	16-23	133.3	133.5	133.3	136.3	73.9	92.9	77.1	F.).5	1:02	770.	
	9-11	1.3.3	100.0	133.3	79.7	37.	33.5	50.5	43.2	11.1	75.1	93.
-	12-1+	100.0	100.	Jn.	34.5	53.7	65.2	33.1	15.9	2.5	55.	730
	15-17	153.3	79.7	95.5	38.5	73.2	46.9	27.	17.5	7.3	<u> </u>	
	13-25	127.2	79.8	97.2	71.2	73.5	57.1	35.2	14.5	3.3	43.2	9.
	21-23	153.3	170.5	39.9	78.1	93.5	91.9	59.8	20.5	7.3	72.	930
				 	+			 				
	 											
	•											
10	TALS	123.3	99.9	99.1	26.4	87.7	76.6	56.5	32.1	5 . 8	71.6	744.

SLOBAL DLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

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			4 716	201

RAMSTEIN AS SERMANY
STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	•	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										
MONTH	(LST)	10°₀	20°<	30 -	40°.	50°°	60°c	70°.	80:	90	RELATIVE	NO OF OBS	
420	22-22	1.2.2	.132.2	1152.1	39.1	97.4	37.3	71.2	42.4	. 13.5	. 75.č	<u>. 878</u>	
	33-35	137.2	175.3	133.5	79.9	99.4	75.3	53.3	59.2	14.3	£ .5	97_	
	36-38	100.0	100.3	130.5	75.7	99.7	97.7	35.3	64.5	15.4	11.0	9 '5	
	39-11	1_7.3	100.3	99.3	77.2	89.5	73.9	54.7	23.2	5	73.	פיפ	
	12-14	100.0	135.3	95.3	75.5	55.7	37.9	23.	17.4	2.4	55.	3-3	
	15-17	1:0.0	99.4	87.	54.2	45.2	31.9	23.7	5.5	2.1	11.5	בר פ	
	15-20	100.0	79.6	89.5	59.3	50.0	35.3	23.7	13.4	• 1	F3.=	970	
	21-23	100.0	133.3	9 9. ê	95.3	84.5	66.2	45.1	23.7	£ •	68.1	917	
arman aqualatina suome sere duratiero, d	•												
10	TALS	100.0	59.9	95.t	38.5	78.3	56.3	51.3	32.9	7.2	67.4	7193	

USAFETAC FORM 0-87-5 (OL A)

SLORAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

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	_		
		STATION	

RAMSTELY AS GERMANY
STATION NAME

- 6 3

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	NO OF
MONTH	(LST)	10**	20°-	30%	40%	50%	60=	70	80	90	HUMIDITY	OBS
4.4.Y	-1-12	122.2	,1:5-5	122-1	33.1	. 27-1	72.4	7:.5	43		. 71.1	
	,,?-25	100.0	133.5	130.2	77.5	99.2	75	. 55.4	55.3	12.2	2:00	
	.55-35	120.0	100.0	100.2	79.3	93.4	75.7	35.5	53.9	14.7	52.1	
	.59-11	122.3	1:2.2	99.7	77	57.3	55.4	47.5	17.7	4.4	57.3	93:
	12-14	100.0	100.0	95.9	79.5	57.6	35.3	22.	12.2	1.5	55.7	93.
	15-17	100.0	99.5	35.9	56.7	46.5	29.4	17.2	تعد	1.4	51.3	53.
	15-23	1.3.3	39.9	91.	71.1	51.5	33.2	21.1	9.0	1.3	53.2	ý3.
	21-23	100.3	100.0	99.3	94.5	35.4	72.9	52.5	22.5	3.3	53.	93.
10	TALS	120.0	132.3	96.5	38	77.3	65.3	51.2	27.7	5.1	66.5	744

USAFETAC PORM 0-87-5 (OL A)

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SECRAL CLIMATOLOGY RRANCH J'AFETAC AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION STEEL AS SERMANY STATION	74-63	HTMOM
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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL
MONTH	(LST)	10%	20°c	30°-	40°.	50° •	60°c	70°	80°:	90-	PELATIVE	NO OF OBS
JJV	<u> _0-02</u>	130.3	,133.3	135.5	39.3	93.7	25.2	35.7	:2.	13.3	a	. 1
v - viv videkomen-	03-35	100.0	100.0	133.5	173.3	137.3	C 2 4	92.7	55.	22.2	3.5	5 3
	J6-03	157.5	123.3	100.0	133.3	99.3	97.2	93.4	53.3	13.1	P 2 • 2	970
	09-11	150.0	133.3	99.6	97.1	99	75.2	49.3	15.3	2.	55.4	839
	12-14	133.3	99.0	75.7	35.9	55.1	35.1	15.5	5.3	1.4	56.9	970
	15-17	1.3.3	39.5	94.3	79.2	51.5	25.5	13.4	5.0	1.2	5.2 .	970
	18-20	100.0	c9.4	95.3	32.3	55.7	32.4	13.7	7.3	1	55.3	70 0
	21-23	137.3	133.3	39.2	76.9	93.3	72.1	47.7	22.2	4.4	59.1	9 3 5
10	TALS	100.0	29.9	98.1	92.7	31.5	66.9	52.4	29.1	3.1	68.5	7199

USAFETAC FORM 0-87-5 (OL A)

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BLORAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1251+2 PAMSIETY AS SERMANY STATION NAME	74-83 PERIOD	MONTH
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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10°°	20°c	30°.	40°	50°°	60°c	70€	80°c	90°-	HUMIDITY	NO OF OBS.
44.	J2-02	102.2	133.3	19.9	33.5	59.	92.5	75.7	42.4	13.	7:.2	. 43
	3-35	157.5	173.5	122.5	130.3	100.0	05.5	37	57.5	2 4	2.6	y 3
	25-23	123.3	100.5	133.3	150.5	99.5	94.6	37.7	54.5	21.1	Flac	93
	39-11	133.3	105.5	79.5	27.4	91.7	71.2	44.2	15.4	7.2	67.,	ج ي
	12-14	1.3.3	29.9	96.3	35.4	59.7	31.7	16.7	7.3	2.4	55.6	93
	15-17	100.0	99.1	93.2	74.4	43.3	22.5	13.1	5.1	1.7	50.1	93.
	13-23	100.3	79.6	95.5	95.2	48.7	25.5	16.9	5.6	2.	53.1	9 ?
	21-23	100.0	133.3	99.4	96.5	89.3	65.3	46.5	17.5	4.4	67.4	93
to	TALS	100.0	99.É	98.	91.7	78.3	55	49.3	25.9	9.2	67.1	743

SLUPAL CLIMATOLOGY BRANCH USAFETAD TIR WEATHER SERVICE/MAG

RELATIVE HUMIDITY

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		* 1 A T	
٠	=		
		STATION	

STATION NAME

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10°	20°c	304.	40°.	50°.	60°-	70-	80	90	HUMIDITY	NO OF OBS
AJ.	2-22	123.2	,122.2	155.5	122	29.7	24.6	. 17.1	44.3	13.9	. 73.7	97
	J3-15	1.2.3	173.0	100.0	172.3	00.0	97.5	93.1	57.7	21.1	23.i	<u> ,3</u>
	25-25	100.0	1173.0	132.5	175.5	19.4	97.5	93.4	63.5	21.4	33.4	#2B
	29-11	100.0	100.0	133.3	29.5	74.5	77.9	55.4	25	4 . *	71.1	7 - 4
	12-14	1.3.3	133.3	99.2	38.2	60.H	35.5	15.7	5.7	1.	55.7	929
	15-17	100.0	100.0	96.6	76.3	45.3	23.1	12.1	4.1		-1.6	935
	15-20	107.3	100.0	97.0	92.3	55.1	33.7	15.5	5.4	1.2	54.	91,
	?1-23	1.3.3	193.5	135.0	79.4	94.3	90.3	5=.7	22.9	5.3	71.0	932
τo	TALS	1,0.0	100.0	99.1	93.2	81.2	57.7	54.5	23.0	. 9	49.0	7434

SLURAL CLIMATOLOGY -RANCH JSAFETAC ATR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12:142	-AMSIEIN AB		
STATION		ATIO	

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-

	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
HINOM	(LST)	10°°	20°c	30°€	40°.	50°.	60°c	70 -	80 .	90	RELATIVE HUMIDITY	NO OF OBS
; E > -	35-32	1_2.2	,13	123	135.5	13.5	77.4	. 33.3	53.3	25.7	32.9	<u> </u>
	<u> </u>	100.0	100.0	130.3	123.5	120.1	19.1	97.4	31.5	34.7	24.5	5.37
) <u>s</u>	133.3	122.3	1.3.3	133.1	122.3	99.5	32.4	51.5	37.	35	ŷ-
	39-11	133.3	100.5	133.3	39.9	99.3	94.2	75.8	47	15.3	7±.3	9.15
	12-1+	120.0	123.3	79.ê	95.2	33.1	53.7	27.5	13.0	3.4	63.2	93
	15-17	107.3	100.0	76.1	39.4	65.7	35.3	27.9	5.7	1.4	57.:	9.20
	13-23	157.5	133.3	99.7	75.9	53.1	51.1	37.2	13.1	2.4	54.0	839
	21-23	1.0.3	100.0	100.0	132.3	98.9	73.1	81.0	42.3	15.1	72.4	9 `(
101	TALS	:43.3	123.3	79.7	97.7	91.2	79.5	54.5	37.3	17.3	74.3	719

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SUBSAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

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		S	I A	TH	N	

PANSTEIN AB SERMANY
STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10°•	20°c	30°.	40°	50°.	60°c	70 .	80°c	90	RELATIVE HUMIDITY	NO OF OBS.
120	113-22	123.2	100.5	133.0	دوديا	133.3	39.3	94.2	74.5	3 - 4	25.7	91:
	03-05	150.0	173.3	123.2	133.3	100.0	79.1	95.5	74.9	32	=5.2	915
	Jo-35	153.3	100.0	133.3	133.	100.0	09.9	37.7	77.1	3. •3	16.5	918
	(39-11	123.3	100.0	133.3	133.3	59.3	79.2	94.7	67.4	22.3	સ્યુ . :	92.
	12-14	17.2.3	173.3	130.3	79.8	97.9	99.6	67.7	37.8	11.3	75.4	921
	15-17	100.0	100.3	99.5	79.3	22.7	77.2	54.7	27.	5.7	70.9	521
	ia-2,	100.0	133.3	133.8	39.5	98.5	91.5	75.0	45.1	11.	77.7	9.21
	21-23	1_3.3	130.3	100.3	133.3	133.2	75.5	91.5	£6.3	24.4	=3.6	921
	-											
10	TALS	150.0	155.3	130.3	39.3	99.5	94.2	34.3	55.9	22.1	=1.3	7356

31334L CLIMATOLOGY RRANCH USAFETAC ATR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1	15142	
	STATION	

SAMSITIN AS STRUMANY STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS (LST)		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										
MONTH		10°°	20°:	30° ₀	40°	50°•	60°c	70°-	80°c	90	HUMIDITY	NO OF OBS	
NOV	20-32	123.2	,133.3	1103.5	120.2	39.7	98.1	53.1	£3	22.0	82.7	90.	
	33-35	122.2	123.2	1133.2	77.5	99.7	93.1	39.3	57.4	24.7	33.6	9.15	
	10. 7 <u>s</u>	1-2-2	123.5	133.3	79.9	99.3	95.4	97.3	67.3	25.9	54.	9.21	
	19-1	107.3	100.5	133.5	133.3	100.0	78.7	90.7	52.2	21.1	33.0	720	
	12-14	133.3	125.2	133.3	39.3	99.3	24.7	74.9	43.1	1:.7	77.5	900	
	15-17	1.0.0	173.3	133.3	38.7	96.3	34.9	52.1	32.3	201	73.8	9 - 0	
	13-2)	102.2	123.3	133.3	122.2	77.3	93.9	17.3	47.8	15.4	79.5	933	
	21-23	133.3	173.5	133.3	173.3	29.7	96.2	96.3	53.4	2:.9	91.7	920	
	•												
10	TALS	120.2	155.5	133.5	79.2	39.2	95.4	82.5	54.9	13.6	3-7	72 Dr	

SLUBAL CLIMATOLOGY BRANCH SAFEAC AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1 7 <u>5 1 4 7</u> STATION	444SIEIN	AS SERMANY STATION NA
STATION		STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5

MONTH	HOURS (LST)		MEAN	TOTAL								
		10°•	20° c	30%	40°.	50° •	60°c	70-	80%	90-	RELATIVE HUMIDITY	NO OF OBS.
DEL	00-02	122.2	12	135.3	133.3	29.3	97.1	31.4	51.3	3	. 32.4	. 932
	23-25	137.3	100.3	133.3	133.3	133.3	93.5	32.2	59.8	3 . 9	92.5	930
	J6-03	1:0.0	120.0	133.3	133.5	100.0	95.8	34.7	59.	37.1	₹2,6	93,
	39-11	153.5	103.3	100.0	120.0	100.0	75.1	31.7	55.4	27.5	1.0	930
	12-14	133.3	135.3	135.5	79.5	99.3	93.4	74.1	51.2	10.9	79.2	935
	15-17	100.0	100.5	150.5	99.1	97.7	39.6	59.2	46.3	17.0	77.2	929
	13-23	100.3	100.0	133.3	29.9	99.1	95.1	75.7	52.5	24.4	33.3	y 33
	21-23	100.5	100.5	133.3	133.3	99.8	96.3	79.7	53.6	31.3	°2.2	933
										†		
τo	TALS	160.0	173.4	130.0	79.5	99.4	95.8	73.5	55.7	26.5	81.1	7439

DIDRAL CLIMATOLDOM BRANCH USAFEAC AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

٠	_	. 1 . 7
•	-	A

PAMSIEIN AS SER MANY STATION NAME

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN	TOTAL	
MONTH		10°a	20°c	30°∘	40°.	50°•	°,09	70° ε	80	90	HUMIDITY	NO OF OBS
_4Y	ALL	123.2	123.3	130	23.3	59.6	97.1	101.2	- 53.3	. 12	37	7439
FE3 .		1.2.2	123.3	79.3	33.1	95.3	97.5	59.9	47.7	15.5	77	5156
442		123.2	79.9	79.1	7004	39.7	75.E	56.5	32.3	1 - 2	71.:	7-4
125		133.3	79.9	75.6	38	73.3	55.3	51.	33.2	7.2	5.7	7196
MAY		133.3	122.0	75.=	33.5	77.3	55.3	51.2	27.1	3.1	55.1	744-
אננ		133.5	59.9	98.1	92.7	81.5	56.9	52.4	29.1	 1	<u>E</u>	7159
٠,,		123.2	97.5	73	71.7	73.3	52.5	49.3	25.7	3	57.1	7435
4 J 3		100.0	123.3	97.1	73.2	31.2	67.7	54.5	28.1	1.9	59.	7434
225		100.5	123.3	99,7	37.7	91.2	75.6	64.6	37.3	17.3	74.3	7199
TCC		157.3	135.3	133.3	79.7	93.5	94.2	34.3	53.9	23.1	11.3	7358
NOV		132.3	170.3	100.0	29.8	99.2	75.4	82.5	54.9	13.6	2:.7	72:0
)::		122.2	133.3	122.5	33.3	27.4	95.8	78.5	55.7	26.5	31.1	7439
101	NLS.	1,7.7	103.3	98.9	95.5	89.3	79.8	54.7	43.1	14.1	73.5	87521

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

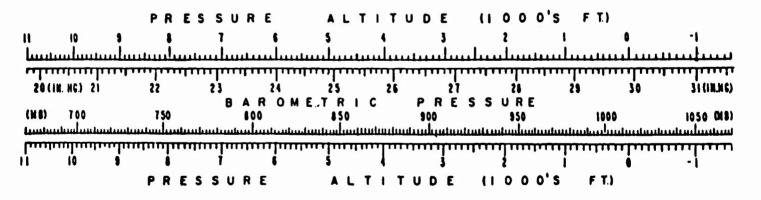
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



HOWARE VECLOTARIOL DAYS ARENCH AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES AS FROM HOURLY DESERVATIONS

12:12	CAMETERN AS CEDULAR	7 2 7	

51A1(C)	•		STAT	TION NAME						YEARS				
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OC1	NOV	DEC	ANN A
	MEAN	29.2142	9.1742	9.1332	29.1292	29.1342	9.1892	29.2312	9.2352	9.230	29.156	29.2272	9.143	29.176
. 1	SD	. 325	.333	.259	.231	.134	·15J	.133	.135	.195	. 255	.285	.388	· 2 ° 4
	TOTAL OBS	. 307.	232.	315.	299.	310.	300.	315.	310.	300.	310,	:00	315	3550
t	MEAN	29.2112	29.1572	29.3962	?9.1232	29.1252	9.193	29.1952	9.1992	9.2242	29.156	29.2222	9.135	29.179
2.4	5 D	.31 5	.331	.271	.253	.139	.153	.135	.137	.191	.271	.233	.394	.255
	TOTAL OBS	. 31 0.	252.	310.	3 D D.	31 J.	333.	310.	310.	300,	310 ,	3 3 3	310	3652
1	MEAN	29.2342	?9.1592	9.3732	?9•1222	29.1302	9.188	29.1952	9.2732	9.2222	29•1522	29.2172	9.126	29.167
7 د	S D	.315	.334	.272	. 205	.192	.155	.137	.135	.193	.275	.282	. 394	. 256
	, TOTAL OBS	. 310.	232.	310.	300.	310.	300.	310.	310.	300.	31 3 ,	393	310	3652
	MEAN		9.1752	9.1132	29•1372	29.1432	9.198	29.2052	9.2122	9.2422	29.1592	29.2352	9.141	29.182
17	S D	.315						.138				.281	.395	. 257
	TOTAL OBS	312,	232.	312,	300,	313.	320.	310.	310.	300.	310.	300	310	3652
	MEAN	29.2242	9.1922	9.1132	29.1292	29.1332	9.193	29.2702	9.2392	9.2372	9.1692	29.2352	9.144	29.150
1.3	S D	•315	.337	.259	.235	.189	.154	.135	.133	.192	.276	.283	.394	.256
Í	TOTAL OBS	. 313.	232.	312,		313,		310,	310.	322.	310.	3 C 3 .	310.	3652
,	MEAN	27.1982	9.1582	9.3542	29.1362	27.1152	9.174	9.1932	9.1912	9.2152	9.149	9.2112	9.122	29.159
1.5	5 D	.316	.330	.252	.201	.185	.151	.134	.133	.197	.273	.279	.388	.252
	TOTAL OBS	. 310.	232.	312.	300.	312,	_300.	313.	312	300.	310.	۵۵۵.	310.	3652
	MEAN	29.2352	7.1522	9.3752									9.132	29.155
13	S D	.319	.325	.259				.133		_	.265		.386	•250
	TOTAL OBS	. 315.	292.	310.	300.	313.	333.	310.	310	300.	310.	3 D 3 .	310.	3652
	MEAN	29.2152	9.1772	9.3972	29.1232	9.1272	9.178	9.1932	9.1982	9.2252	9.1632	9.2237	9.142	29.171
٤2	\$ D	.321	.325	.253	.198	.175	.149	.132	.130	-197	.267	.289	.386	.252
	, TOTAL OBS	. 312.	232.	310,	300	31.3,	322,	313	312	3.32.	310.	303	310	3652
ALL	MEAN	27.2112	9.1592	9. 3962	9.1212	9.1272	9.193	9.1912	9.1792	9.2252	9.163	9.2232	9.136	29.170
HOURS	\$ D	.317	.331	.257				.135		.195			. 39	.254
	TOTAL OBS	2479.	2255	2493	2399	2483	2400	2453	2430	2433	2483	2403	245	29214

USAF ETAC FORM 0-89-5 (OL A)